# Eaton 9PX Lithium-ion UPS



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#### Advanced protection for:

- Small and Medium Datacentre
- IT, Networking, Storage and Telecom
- Infrastucture, Industrial and Medical



### Lithium-ion Online Double conversion UPS

#### Longer life

- 9PX lithium-ion UPSs features an expanded battery life of 8–10 years compared to the usual 3-5 years with VRLA batteries.
- Lithium-ion batteries eliminates the needs for battery replacement and attached costs (planning, labor, shipping).
- This longer life is backed by a five-year factory warranty including UPS electronics, internal batteries and EBMs.

#### **Management and Cybersecurity**

- Eaton Gigabit network management card provide Dual cyber security certifications (UL 2900-1 & IEC 62443-4-2), it's delivered as standard with Netpack UPS.
- Eaton's Intelligent Power Software seamlessly integrates with leading virtualisation environments and cloud orchestrations tools.
- 9PX Lithium-ion can meter energy consumption right down to the managed outlet groups. kWh values can be monitored using the LCD or Eaton's Intelligent Power Software.
- Load segment control enables prioritised shutdowns of non-essential equipment to maximize battery runtime for critical devices.

#### **High Performance**

- Double conversion topology. The Eaton 9PX Lithium-ion constantly monitors power conditions and regulates voltage and frequency.
- Energy Star qualified, the 9PX Lithium-ion provides the highest efficiency level to reduce energy and cooling costs.
- Internal bypass allows service continuity in case of internal fault, a maintenance bypass is also available for easy replacement of the UPS.
- More runtime can be added with up to 4 external hot-swappable battery modules, able to run systems for hours if necessary.

#### Easy installation and upgrade

- Lighter weight: UPS weight reduced up to 20% and EBM weight reduced more than 40%.
- Smaller size: Battery extension size reduced to 1U saving space for IT equipment.
- Firmware upgrade can be done locally or remotely through the Gigabit Network management card.
- All models delivered with all necessary hardware for tower or rack-mounting.





## Eaton 9PX Lithium-ion UPS technical specifications

- Graphical LCD display :
   Clear information on UPS status and measurements
- Enhanced configuration capabilities
   Slot for Management card (Network card delivered as standard on netpack version)



- **3** Outputs: 8 x IEC 10A + 2 x IEC 16A with energy metering (including 2 programmable groups)
- 4 USB port,1 serial port, Remote ON/OFF, Remote power OFF and Relay output
- 5 External battery (EBM) connector

| Index         2200         3000//           atang (VAW)         1500//         2001//2000W         30000///20000W         3000///20000W         3000///2000W         3000///2000W         3000///2000W         3000///2000W         3000///2000W         3000///2000W         3000///2000W         3000///2000W         3000///2000W         300///2000W         300///2000W         300///2000W         300///2000W         300///2000W         300///2000W         300///2000W         300///2000W         300///2000W   |                                     |                    | Eat  | on 9PX 3000VA               |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
|--|-------------------------------------|--------------------|--|-----------------------------|---------------------------|--------------------------------------|---------------------|--|----------|----|----|----|----|----|--|--|-----------------------|---------|---------|--------|--------|-------|--|---|----------|----|----|----|----|----|------|--|-----------------------|---------|---------|--------|--------|--------|-------|---|---------|-------------------|-----------------------------|-----------------------------|---------------------------|----------------------|--|--|---------------|--|--|--|--|--|--|---|---------------------|--|--|--|--|--|--|--|--|---|--------------------|--------------------|--|--|--|--|--|--|--|--|-------------------------------------|---|--|--|--|--|--|---|-----------------------|-----------|--|--|--|--|--|---|---------------------|------|--|------|--|--|--|---|--------|-----------------|-------------------|--|--|--|--|--|-----|------------------|--------------------------|--|--|---|----------------------|-------------------|--|--|--|--|--|--|--|-----------------------------------|----|--|--|--|--|--|--|--|--------|--------|--|--------|--|------|--|------------------------------|-----|------------------|---------------------|--|---------------------|--|---------------------|--|----|-----|-----------------|----|------------------|-----|-----------------|-------|---|------------------------------|--|--|--|--|--|--|--|----------|--------------------|------------------------------|-------------------|--|--|--|
| Format         RT2U (zwwar/rack 2U           Electrical characteristics         Image: Status 1         Image: Status 1 </th <th>Technical specifications</th> <th colspan="2">1500</th> <th colspan="2">2200</th> <th>3000</th> <th colspan="2">3000</th>   | Technical specifications            | 1500               |  | 2200                        |                           | 3000                                 | 3000                |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Electrical characteristics         On-line duble conversion with Power Factor Correction (PFC) system           Worning Voltage         200/2007/20/2007/2007/2007/2007/2007/20  | Rating (VA/W)                       | 1500VA/1500W       | 1500VA/1500W 2200VA/2200W  |                             |                           | 3000VA/24000W (3000VA/3000W with EBM |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Technology         On-line double conversion with Power Factor Correction (PFC) system           Verninal Voltagea         200/2007/2002/2004/V           Up to Valtage range         176-27/04 without deterting (up to 100-276V with detarting)           put voltage range         40-70Hz, 50/00H2 autoselection, frequency converter mode<br>(up to 39.5% in H-iefficiency mode)         up to 33.5% in online mode<br>(up to 39.5% in H-iefficiency mode)         up to 54.5% in online mode<br>(up to 39.5% in H-iefficiency mode)         up to 54.5% in online mode<br>(up to 39.5% in H-iefficiency mode)         up to 54.5% in online mode<br>(up to 39.5% in H-iefficiency mode)         up to 54.5% in online mode<br>(up to 39.5% in H-iefficiency mode)         up to 54.5% in in online mode<br>(up to 39.5% in H-iefficiency mode)         up to 54.5% in online mode<br>(up to 39.5% in H-iefficiency mode)         up to 54.5% in online mode<br>(up to 39.5% in H-iefficiency mode)         up to 54.5% in H-iefficiency mode)           Connections         11EC C14 (10A)         11EC C20 (16A)         up to 54.5%         up to 54.5%           Switched outlet group         2 outlet groups         81EC C13 (10A) sockets + 2 IEC C19 (16A) sockets         sockets           Switched outlet group         2 outlet groups         112.75         33.702         FFF           Switched outlet group         65.0         30         21         14         10.5           SW 2200 + 1 EBM/AEBM         170/475         112/205         78/205         52/148         <   | Format                              | RT2U (tower/racl   | k 2U   |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Nominal voltage         200/288/220/230/240V           Youninal voltage         200/288/220/230/240V           Input frequency range         40-70Hz           Sprit frequency range         40-70Hz           Efficiency         up to 82.5% in online mode (up to 30.5% in rollem mode) (up to 98% in Hier#ficiency mode)         up to 98% in Hier#ficiency mode)           Efficiency         up to 82.5% in online mode (up to 37.5% in Hier#ficiency mode)         up to 98% in Hier#ficiency mode)           Connections         11EC C14 (10A)         11EC C20 (16A)           Duputs         81EC C13 (10A) sockets         81EC C13 (10A) sockets - 21EC C19 (16A) sockets           Switched outlet group         2 outer groups         200/13           Batteries         92/10         52/145         33/9/2           Switched outlet group         66         45         30         21         14           PK 2200 + 1 EBM/4EBM         114/221         76/210         52/145         33/9/2           SW 2200         66         45         30         21         14           PK 2200 + 1 EBM/4EBM         110/75         112/305         78/205         52/148         35/38           SW 2200         68         45         30         21         14         10.5           SW 22  | Electrical characteristics          |                    |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| nput voltage range         176-276V without derating lup to 100-276V with derating)           nput frequency range         40-704±, 50/604Hz autoselection, frequency converter mode         up to 395% in online mode (up to 975% in nHi-efficiency mode)         up to 395% in online mode (up to 98% in Hi-efficiency mode)           Efficiency         Up to 97.5% in NHi-efficiency mode)         up to 395% in NHi-efficiency mode)         up to 395% in NHi-efficiency mode)           Connections         11EC C14 (10A)         11EC C20 (16A)         up to 395% in ONLine mode           Switched outlet group         2 outlet groups         300W         500W         800W         1200W         1800W         2400W           FX 1500         45         30         20         13         445         30         21         14           FX 1500         45         30         21         14         10.5         3782           FX 2200         66         45         30         21         14         10.5           FX 3000 + 1EBM/AEBM         11/4/27         76/210         78/205         52/148         35/98         37104         28/78           SW 3000 + 1EBM/AEBM         11/4/271         76/210         78/205         54/153         37/104         28/78           SW 3000 + 1EBM/AEBM         11/4/271   | Technology                          | On-line double co  | onversion with Power Fac   | tor Correction (PFC) syster | n                         |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| trequency range         40-70Hz, 50/60Hz autoselection, frequency converter mode<br>(up to 93% in nolline mode<br>(up to 93% in nolline mode<br>(up to 93% in nelline mode)<br>(up to 94% in nelline mode)<br>(u  | Nominal voltage                     | 200/208/220/230    | 200/208/220/230/240V   |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Efficiency         up to 93 5% in othice mode<br>(up to 97% in Hierfficiency mode)         up to 93 5% in Hierfficiency mode)         up to 94% in quiller mode<br>(up to 99% in Hierfficiency mode)           Connections         up to 97% in Hierfficiency mode)         up to 93% in Hierfficiency mode)         up to 93% in Hierfficiency mode)           Duput         1 EC C14 (10A)         1 EC C20 (16A)  | Input voltage range                 | 176-276V withou    | 176-276V without derating (up to 100-276V with derating)   |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Initiality         (up to 97.5% in HI-efficiency mode)         (up to 98% in HI-efficiency mode)         (up to 98% in HI-efficiency mode)           Connections         IEC C14 (10.A)         IEC C20 (16.A)         IEC C20 (16.A) <td< td=""><td>Input frequency range</td><td>40-70Hz, 50/60H</td><td colspan="7">40-70Hz, 50/60Hz autoselection, frequency converter mode</td></td<>  | Input frequency range               | 40-70Hz, 50/60H    | 40-70Hz, 50/60Hz autoselection, frequency converter mode   |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| nput         1 IEC C14 (10A)         1 IEC C20 (16A)           Dutputs         8 IEC C13 (10A) sockets         8 IEC C13 (10A) sockets + 2 IEC C19 (16A) sockets +           Switched outlet group         2 outlet groups         8           Batteries   | Efficiency                          |                    |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Duputs         B IEC C13 (10A) sockets         B IEC C13 (10A) sockets + 2 IEC C19 (16A) sockets           Switched dutlet group         2 outlet groups           Batteries           Synchold sockets         300W         500W         800W         1200W         1800W         2400W           3PX 1500         45         30         20         13  | Connections                         |                    |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Switched outlet group       2 outlet groups         Batteries         Typical backup times*       300W       500W       800W       1200W       1800W       2400W         9FX 1500       45       30       20       13  | Input                               | 1 IEC C14 (10A)    | 2 C14 (10A) 1 IEC C20 (16A)  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Batteries         O         I           Spical backup times*         300W         500W         800W         1200W         1800W         2400W           PX 1500         45         30         20         13         392<   | Outputs                             | 8 IEC C13 (10A) s  | 8 IEC C13 (10A) sockets 8 IEC C13 (10A) sockets + 2 IEC C19 (16A) sockets  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Typical backup times*         300W         500W         800W         1200W         1800W         2400W           PRX 1500         45         30         20         13  | Switched outlet group               | 2 outlet groups    |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| PX 1500       45       30       20       13         PX 1500 + 1 EBM/4EBM       114/321       76/210       52/145       33/92         PX 2200       66       45       30       21       14         PX 2200 + 1 EBM/4EBM       170/475       112/305       78/205       52/148       35/98         PX 2200 6       68       46       30       21       14       10.5         PX 2300 6       68       46       30       21       14       10.5         PX 3000 1       184/516       120/320       80/215       54/153       37/104       28/78         3attery       Lithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)       28/78         Communication       1       USB port + 1 serial RS232 port + 1 mini-terminal block for remote 0N/0FF + 1 mini-terminal block for output relay       28/78         Communication ports       1       1 sol for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modus TCP/RTU), or Relay card.         Operating conditions, standards and approvals       400°C       28/78         Safety       1 EC/EN 62040 - 1, UL 1778, CSA 22.2       5       5         EMC       1 EC/EN 62040 - 2, FCC C class B, CISPR22 class B       3k/A <t< td=""><td>Batteries</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  | Batteries                           |                    |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| 3PX 1500 + 1 EBM/4EBM       114/321       76/210       52/145       33/92         3PX 2200       66       45       30       21       14         3PX 2200 + 1 EBM/4EBM       170/475       112/305       78/205       52/148       35/98         3PX 3000       68       46       30       21       14       10.5         3PX 3000 + 1 EBM/4EBM       184/16       120/320       80/215       54/153       37/104       28/78         3PX 3000 + 1 EBM/4EBM       184/516       120/320       80/215       54/153       37/104       28/78         3Battery       Lithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external black for remote BM/VFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay       28/78         Communication ports       1 USB port + 1 serial R5/232 port + 1 mini-terminal block for remote ON/VFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay       20         Communication ports       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modus TCP/RTU), or Relay card.         Operating conditions, standards and approvals       40/8       40/8       40/8       40/8       40/8       40/8       40/8       40/8       40/8       40/8       40/8       40/8       40/8 <td>Typical backup times*</td> <td>300W</td> <td>500W</td> <td>800W</td> <td>1200W</td> <td>1800W</td> <td>2400W</td>   | Typical backup times*               | 300W               | 500W   | 800W                        | 1200W                     | 1800W                                | 2400W               |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| BPX 2200       66       45       30       21       14         BPX 2200 + 1 EBM/4EBM       170/475       112/305       78/205       52/148       35/98         BPX 3000       68       46       30       21       14       10.5         BPX 3000 + 1 EBM/4EBM       184/516       120/320       80/215       54/153       37/104       28/78         Battery       Lithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)       2000000000000000000000000000000000000   | 9PX 1500                            | 45                 | 30   | 20                          | 13                        |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| app 2 2200 + 1 EBM/4EBM170/475112/30578/20552/14835/98app 3 3000684630211410.5app 3 3000 + 1 EBM/4EBM184/516120/32080/21554/15337/10428/78astteryLithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)CommunicationCommunication ports110.511 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off<br>+ 1 mini-terminal block for output relay1stor Gigabit Network management card (in netpack versions). Industrial Gateway Card (Moduus TCP/RTU), or Relay card.Operating conditions, standards and approversCommunication slot1 slot for Gigabit Network management card (ModuleOt 04 0°CSafety16C/EN 62040-1, UL 1778, CSA 22.2EMAGE Soft (TUV) / EAC / Energy StarDimensions H x W x D in mm/ weight1.5kVA2.2kVASitA40x450/15.8K86.5x440x450/15.8KSetA40x450/15.8KSetA40x450/15.8KSetA40x450/15.8K86.5x440x450/17.4KQava38x448/12kg4.2.9x438x603/17.4KQava38x603/17.4KQava38x603/17.4KgQava38x603/17.4KgQava38x603/17.4KgQava38x603/17.4Kg <tr <td="" colspan="4">Qava38x603/17.4Kg<!--</td--><td>9PX 1500 + 1 EBM/4EBM</td><td>114/321</td><td>76/210</td><td>52/145</td><td>33/92</td><td></td><td></td></tr> <tr><td>BPX 3000684630211410.53PX 3000 + 1 EBM/4EBM184/516120/32080/21554/15337/10428/783BatteryLithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)CommunicationCommunication ports1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relayCommunication slot1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.Operating conditions, standards and approvalsOperating conditions, standards and approvalsOperating temeprature0 to 40°CTypical noise level35dB40dBSafetyIEC/EN 62040-1, UL 1778, CSA 22.2EMCIEC/EN 62040-1, UL 1778, CSA 22.2EMCLEC/EN 62040-2, FCC Class B, CISPR22 Class BApprovals &amp; markingsCE / CB report (TUV) / EAC/ Energy StarDimensions H x W x D in mm/ weight1.5kVA2.2kVA386.5x440x605/22.1Kg86.5x440x605/22.1Kg2BM42.9x438x448/12Kg42.9x438x603/17.4Kg42.9x438x603/17.4KgCause merice and support</td><td>9PX 2200</td><td>66</td><td>45</td><td>30</td><td>21</td><td>14</td><td></td></tr> <tr><td>approval       184/516       120/320       80/215       54/153       37/104       28/78         Battery       Lithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)         Communication       1       USB port + 1 serial RS232 port + 1 mini-terminal block for remote 0N/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay       1       USB port + 1 serial RS232 port + 1 mini-terminal block for remote 0N/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay         Communication ports       1       slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         <b>Deperating conditions, standards and approvals</b>       9       40dB       1       1         Safety       1       LC/EN 62040-1, UL 1778, CSA 22.2       40dB       1       1         EMC       1       LC/EN 62040-2, FCC Class B, CISPR22 Class B       1       1       1       1         Safety       1       LEC/EN 62040-2, FCC Class B, CISPR22 Class B       1</td><td>9PX 2200 + 1 EBM/4EBM</td><td>170/475</td><td>112/305</td><td>78/205</td><td>52/148</td><td>35/98</td><td></td></tr> <tr><td>Battery       Lithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)         Communication       1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay         Communication ports       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         Operating conditions, standards and approvals       0 to 40°C         Operating temeprature       0 to 40°C         Safety       IEC/EN 62040-1, UL 1778, CSA 22.2         EMC       IEC/EN 62040-2, FCC Class B, CISPR22 Class B         Approvals &amp; markings       CE /CB report (TUV) / EAC/ Energy Star         Dimensions H x W x D in mm/weight       1.5kVA       2.2kVA       3kVA         JPS       86 5x440x450/15.8Kg       86.5x440x605/22.1Kg       86.5x440x605/22.8Kg         EBM       42.9x438x48/12Kg       42.9x438x603/17.4Kg       42.9x438x603/17.4Kg</td><td>9PX 3000</td><td>68</td><td>46</td><td>30</td><td>21</td><td>14</td><td>10.5</td></tr> <tr><td>Communication       1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay         Communication ports       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         Operating conditions, standards and approvals       0 to 40°C         Operating temeprature       0 to 40°C         Typical noise level       35dB       40dB         Safety       IEC/EN 62040-1, UL 1778, CSA 22.2         EMC       IEC/EN 62040-2, FCC Class B, CISPR22 Class B         Approvals &amp; markings       CE /CB report (TUV) / EAC/ Energy Star         Dimensions H x W x D in mm/ weight       1.5kVA       2.2kVA       3kVA         JPS       86.5x440x450/15.8Kg       86.5x440x605/22.1Kg       86.5x440x605/22.8Kg         EBM       42.9x438x448/12Kg       42.9x438x603/17.4Kg       42.9x438x603/17.4Kg</td><td>9PX 3000 + 1 EBM/4EBM</td><td>184/516</td><td>120/320</td><td>80/215</td><td>54/153</td><td>37/104</td><td>28/78</td></tr> <tr><td>Communication ports1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for output relayCommunication slot1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.Operating conditions, standards and approvalsDeperating conditions, standards and approvals40dBSafety0 to 40°CSafetyIEC/EN 62040-1, UL 1778, CSA 22.2EMCIEC/EN 62040-2, FCC Class B, CISPR22 Class BApprovals &amp; markingsCE /CB report (TUV) / EAC/ Energy StarDimensions H x W x D in mm/ weight1.5kVAJPS86.5x440x450/15.8Kg86.5x440x450/15.8Kg65.5x440x605/22.1Kg86.5x440x450/15.8Kg42.9x438x448/12Kg42.9x438x603/17.4Kg42.9x438x603/17.4Kg</td><td>Battery</td><td>Lithium-ion batte</td><td>ery (LFP) with 8 to 10 year</td><td>s service life, automatic r</td><td>ecognition of external ba</td><td>attery modules (EBM)</td><td></td></tr> <tr><td>communication ports       + 1 mini-terminal block for output relay         Communication slot       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         Operating conditions, standards and aprovals        <ul> <li>Deperating temeprature</li> <li>0 to 40°C</li> <li>Safety</li> <li>IEC/EN 62040-1, UL 1778, CSA 22.2</li> <li>EMC</li> <li>IEC/EN 62040 - 2, FCC Class B, CISPR22 Class B</li> <li>CE /CB report (TUV) / EAC/ Energy Star</li> <li>Dimensions H x W x D in mm/ weight</li> <li>JSkVA</li> <li>SAfety</li> <li>Safety</li> <li>SkVA</li> <li>Sk40x405/15.8Kg</li> <li>Se5x440x605/22.1Kg</li> <li>Sk40x605/22.8Kg</li> <li>EBM</li> <li>42.9x438x408/12Kg</li> <li>42.9x438x603/17.4Kg</li> <li>42.9x438x603/17.4Kg</li> <li>42.9x438x603/17.4Kg</li> <li>Sk603/17.4Kg</li> <li>Sk603/17.4Kg<!--</td--><td>Communication</td><td></td><td></td><td></td><td></td><td></td><td></td></li></ul></td></tr> <tr><td>Operating conditions, standards and approvals         Image: Standards and approvals           Deperating temeprature         0 to 40°C           Typical noise level         35dB         40dB           Safety         IEC/EN 62040-1, UL 1778, CSA 22.2           EMC         IEC/EN 62040 -2, FCC Class B, CISPR22 Class B           Approvals &amp; markings         CE /CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           PS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg</td><td>Communication ports</td><td></td><td colspan="7"></td></tr> <tr><td>Operating temeprature         O to 40°C           Typical noise level         35dB         40dB           Safety         IEC/EN 62040-1, UL 1778, CSA 22.2            EMC         IEC/EN 62040 -2, FCC Class B, CISPR22 Class B            Approvals &amp; markings         CE /CB report (TUV) / EAC/ Energy Star            Dimensions H x W x D in mm/ weight             1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg</td><td>Communication slot</td><td>1 slot for Gigabit</td><td colspan="7">1 slot for Gigabit Network management card (included in netpack versions). Industrial Gateway Card (Modbus TCP/RTU), or Relay card</td></tr> <tr><td>Typical noise level         35dB         40dB           Safety         IEC/EN 62040-1, UL 1778, CSA 22.2         IEC/EN 62040-2, FCC Class B, CISPR22 Class B           EMC         IEC/EN 62040-2, FCC Class B, CISPR22 Class B         IEC/EN 62040-2, FCC Class B, CISPR22 Class B           Approvals &amp; markings         CE /CB report (TUV) / EAC/ Energy Star         IEC/EN 62040-2, FCC Class B, CISPR22 Class B           Dimensions H x W x D in mm/ weight         I.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg</td><td>Operating conditions, standards and</td><td>°</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Name         IEC/EN 62040-1, UL 1778, CSA 22.2           EMC         IEC/EN 62040 -2, FCC Class B, CISPR22 Class B           Approvals &amp; markings         CE /CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg</td><td>Operating temeprature</td><td>0 to 40°C</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>EMC         IEC/EN 62040 - 2, FCC Class B, CISPR22 Class B           Approvals &amp; markings         CE / CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg</td><td>Typical noise level</td><td>35dB</td><td></td><td>40dB</td><td></td><td></td><td></td></tr> <tr><td>Approvals &amp; markings         CE /CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg</td><td>Safety</td><td>IEC/EN 62040-1,</td><td>UL 1778, CSA 22.2</td><td></td><td></td><td></td><td></td></tr> <tr><td>Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg           Customer service and support         56.5x440x605/22.1Kg         56.5x440x605/22.8Kg</td><td>EMC</td><td>IEC/EN 62040 -2,</td><td>FCC Class B, CISPR22 Cla</td><td></td><td></td></tr> <tr><td>1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg           Customer service and support         5.5x440x605/22.1Kg         5.5x440x605/22.8Kg</td><td>Approvals &amp; markings</td><td>CE /CB report (TL</td><td colspan="6">CE /CB report (TUV) / EAC/ Energy Star</td></tr> <tr><td>JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg           Customer service and support        </td><td>Dimensions H x W x D in mm/ weigh</td><td>nt</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>EBM 42.9x438x448/12Kg 42.9x438x603/17.4Kg 42.9x438x603/17.4Kg Customer service and support</td><td></td><td>1.5kVA</td><td colspan="2">1.5kVA</td><td colspan="2">2.2kVA</td><td colspan="2">3kVA</td></tr> <tr><td>Customer service and support</td><td>UPS</td><td>86.5x440x450/15.</td><td colspan="2">86.5x440x450/15.8Kg</td><td colspan="2">86.5x440x605/22.1Kg</td><td colspan="2">86.5x440x605/22.8Kg</td></tr> <tr><td>11</td><td>EBM</td><td>42.9x438x448/12</td><td>ζg</td><td>42.9x438x603/17.</td><td>4Kg</td><td>42.9x438x603/17</td><td>'.4Kg</td></tr> <tr><td>Narranty 5 years full warranty (eletronics, internal batteries and EBM)</td><td>Customer service and support</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>Warranty</td><td>5 years full warra</td><td>anty (eletronics, internal b</td><td>atteries and EBM)</td><td></td><td></td><td></td></tr> | 9PX 1500 + 1 EBM/4EBM               | 114/321            | 76/210   | 52/145                      | 33/92                     |                                      |                     | BPX 3000684630211410.53PX 3000 + 1 EBM/4EBM184/516120/32080/21554/15337/10428/783BatteryLithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)CommunicationCommunication ports1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relayCommunication slot1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.Operating conditions, standards and approvalsOperating conditions, standards and approvalsOperating temeprature0 to 40°CTypical noise level35dB40dBSafetyIEC/EN 62040-1, UL 1778, CSA 22.2EMCIEC/EN 62040-1, UL 1778, CSA 22.2EMCLEC/EN 62040-2, FCC Class B, CISPR22 Class BApprovals & markingsCE / CB report (TUV) / EAC/ Energy StarDimensions H x W x D in mm/ weight1.5kVA2.2kVA386.5x440x605/22.1Kg86.5x440x605/22.1Kg2BM42.9x438x448/12Kg42.9x438x603/17.4Kg42.9x438x603/17.4KgCause merice and support | 9PX 2200 | 66 | 45 | 30 | 21 | 14 |  | approval       184/516       120/320       80/215       54/153       37/104       28/78         Battery       Lithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)         Communication       1       USB port + 1 serial RS232 port + 1 mini-terminal block for remote 0N/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay       1       USB port + 1 serial RS232 port + 1 mini-terminal block for remote 0N/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay         Communication ports       1       slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card. <b>Deperating conditions, standards and approvals</b> 9       40dB       1       1         Safety       1       LC/EN 62040-1, UL 1778, CSA 22.2       40dB       1       1         EMC       1       LC/EN 62040-2, FCC Class B, CISPR22 Class B       1       1       1       1         Safety       1       LEC/EN 62040-2, FCC Class B, CISPR22 Class B       1 | 9PX 2200 + 1 EBM/4EBM | 170/475 | 112/305 | 78/205 | 52/148 | 35/98 |  | Battery       Lithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)         Communication       1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay         Communication ports       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         Operating conditions, standards and approvals       0 to 40°C         Operating temeprature       0 to 40°C         Safety       IEC/EN 62040-1, UL 1778, CSA 22.2         EMC       IEC/EN 62040-2, FCC Class B, CISPR22 Class B         Approvals & markings       CE /CB report (TUV) / EAC/ Energy Star         Dimensions H x W x D in mm/weight       1.5kVA       2.2kVA       3kVA         JPS       86 5x440x450/15.8Kg       86.5x440x605/22.1Kg       86.5x440x605/22.8Kg         EBM       42.9x438x48/12Kg       42.9x438x603/17.4Kg       42.9x438x603/17.4Kg | 9PX 3000 | 68 | 46 | 30 | 21 | 14 | 10.5 | Communication       1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay         Communication ports       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         Operating conditions, standards and approvals       0 to 40°C         Operating temeprature       0 to 40°C         Typical noise level       35dB       40dB         Safety       IEC/EN 62040-1, UL 1778, CSA 22.2         EMC       IEC/EN 62040-2, FCC Class B, CISPR22 Class B         Approvals & markings       CE /CB report (TUV) / EAC/ Energy Star         Dimensions H x W x D in mm/ weight       1.5kVA       2.2kVA       3kVA         JPS       86.5x440x450/15.8Kg       86.5x440x605/22.1Kg       86.5x440x605/22.8Kg         EBM       42.9x438x448/12Kg       42.9x438x603/17.4Kg       42.9x438x603/17.4Kg | 9PX 3000 + 1 EBM/4EBM | 184/516 | 120/320 | 80/215 | 54/153 | 37/104 | 28/78 | Communication ports1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for output relayCommunication slot1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.Operating conditions, standards and approvalsDeperating conditions, standards and approvals40dBSafety0 to 40°CSafetyIEC/EN 62040-1, UL 1778, CSA 22.2EMCIEC/EN 62040-2, FCC Class B, CISPR22 Class BApprovals & markingsCE /CB report (TUV) / EAC/ Energy StarDimensions H x W x D in mm/ weight1.5kVAJPS86.5x440x450/15.8Kg86.5x440x450/15.8Kg65.5x440x605/22.1Kg86.5x440x450/15.8Kg42.9x438x448/12Kg42.9x438x603/17.4Kg42.9x438x603/17.4Kg | Battery | Lithium-ion batte | ery (LFP) with 8 to 10 year | s service life, automatic r | ecognition of external ba | attery modules (EBM) |  | communication ports       + 1 mini-terminal block for output relay         Communication slot       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         Operating conditions, standards and aprovals <ul> <li>Deperating temeprature</li> <li>0 to 40°C</li> <li>Safety</li> <li>IEC/EN 62040-1, UL 1778, CSA 22.2</li> <li>EMC</li> <li>IEC/EN 62040 - 2, FCC Class B, CISPR22 Class B</li> <li>CE /CB report (TUV) / EAC/ Energy Star</li> <li>Dimensions H x W x D in mm/ weight</li> <li>JSkVA</li> <li>SAfety</li> <li>Safety</li> <li>SkVA</li> <li>Sk40x405/15.8Kg</li> <li>Se5x440x605/22.1Kg</li> <li>Sk40x605/22.8Kg</li> <li>EBM</li> <li>42.9x438x408/12Kg</li> <li>42.9x438x603/17.4Kg</li> <li>42.9x438x603/17.4Kg</li> <li>42.9x438x603/17.4Kg</li> <li>Sk603/17.4Kg</li> <li>Sk603/17.4Kg<!--</td--><td>Communication</td><td></td><td></td><td></td><td></td><td></td><td></td></li></ul> | Communication |  |  |  |  |  |  | Operating conditions, standards and approvals         Image: Standards and approvals           Deperating temeprature         0 to 40°C           Typical noise level         35dB         40dB           Safety         IEC/EN 62040-1, UL 1778, CSA 22.2           EMC         IEC/EN 62040 -2, FCC Class B, CISPR22 Class B           Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           PS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg | Communication ports |  |  |  |  |  |  |  |  | Operating temeprature         O to 40°C           Typical noise level         35dB         40dB           Safety         IEC/EN 62040-1, UL 1778, CSA 22.2            EMC         IEC/EN 62040 -2, FCC Class B, CISPR22 Class B            Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star            Dimensions H x W x D in mm/ weight             1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg | Communication slot | 1 slot for Gigabit | 1 slot for Gigabit Network management card (included in netpack versions). Industrial Gateway Card (Modbus TCP/RTU), or Relay card |  |  |  |  |  |  | Typical noise level         35dB         40dB           Safety         IEC/EN 62040-1, UL 1778, CSA 22.2         IEC/EN 62040-2, FCC Class B, CISPR22 Class B           EMC         IEC/EN 62040-2, FCC Class B, CISPR22 Class B         IEC/EN 62040-2, FCC Class B, CISPR22 Class B           Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star         IEC/EN 62040-2, FCC Class B, CISPR22 Class B           Dimensions H x W x D in mm/ weight         I.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg | Operating conditions, standards and | ° |  |  |  |  |  | Name         IEC/EN 62040-1, UL 1778, CSA 22.2           EMC         IEC/EN 62040 -2, FCC Class B, CISPR22 Class B           Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg | Operating temeprature | 0 to 40°C |  |  |  |  |  | EMC         IEC/EN 62040 - 2, FCC Class B, CISPR22 Class B           Approvals & markings         CE / CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg | Typical noise level | 35dB |  | 40dB |  |  |  | Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg | Safety | IEC/EN 62040-1, | UL 1778, CSA 22.2 |  |  |  |  | Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg           Customer service and support         56.5x440x605/22.1Kg         56.5x440x605/22.8Kg | EMC | IEC/EN 62040 -2, | FCC Class B, CISPR22 Cla |  |  | 1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg           Customer service and support         5.5x440x605/22.1Kg         5.5x440x605/22.8Kg | Approvals & markings | CE /CB report (TL | CE /CB report (TUV) / EAC/ Energy Star |  |  |  |  |  | JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg           Customer service and support | Dimensions H x W x D in mm/ weigh | nt |  |  |  |  |  | EBM 42.9x438x448/12Kg 42.9x438x603/17.4Kg 42.9x438x603/17.4Kg Customer service and support |  | 1.5kVA | 1.5kVA |  | 2.2kVA |  | 3kVA |  | Customer service and support | UPS | 86.5x440x450/15. | 86.5x440x450/15.8Kg |  | 86.5x440x605/22.1Kg |  | 86.5x440x605/22.8Kg |  | 11 | EBM | 42.9x438x448/12 | ζg | 42.9x438x603/17. | 4Kg | 42.9x438x603/17 | '.4Kg | Narranty 5 years full warranty (eletronics, internal batteries and EBM) | Customer service and support |  |  |  |  |  |  |  | Warranty | 5 years full warra | anty (eletronics, internal b | atteries and EBM) |  |  |  |
| 9PX 1500 + 1 EBM/4EBM  | 114/321                             | 76/210             | 52/145   | 33/92                       |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| BPX 3000684630211410.53PX 3000 + 1 EBM/4EBM184/516120/32080/21554/15337/10428/783BatteryLithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)CommunicationCommunication ports1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relayCommunication slot1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.Operating conditions, standards and approvalsOperating conditions, standards and approvalsOperating temeprature0 to 40°CTypical noise level35dB40dBSafetyIEC/EN 62040-1, UL 1778, CSA 22.2EMCIEC/EN 62040-1, UL 1778, CSA 22.2EMCLEC/EN 62040-2, FCC Class B, CISPR22 Class BApprovals & markingsCE / CB report (TUV) / EAC/ Energy StarDimensions H x W x D in mm/ weight1.5kVA2.2kVA386.5x440x605/22.1Kg86.5x440x605/22.1Kg2BM42.9x438x448/12Kg42.9x438x603/17.4Kg42.9x438x603/17.4KgCause merice and support   | 9PX 2200                            | 66                 | 45   | 30                          | 21                        | 14                                   |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| approval       184/516       120/320       80/215       54/153       37/104       28/78         Battery       Lithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)         Communication       1       USB port + 1 serial RS232 port + 1 mini-terminal block for remote 0N/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay       1       USB port + 1 serial RS232 port + 1 mini-terminal block for remote 0N/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay         Communication ports       1       slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card. <b>Deperating conditions, standards and approvals</b> 9       40dB       1       1         Safety       1       LC/EN 62040-1, UL 1778, CSA 22.2       40dB       1       1         EMC       1       LC/EN 62040-2, FCC Class B, CISPR22 Class B       1       1       1       1         Safety       1       LEC/EN 62040-2, FCC Class B, CISPR22 Class B       1   | 9PX 2200 + 1 EBM/4EBM               | 170/475            | 112/305  | 78/205                      | 52/148                    | 35/98                                |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Battery       Lithium-ion battery (LFP) with 8 to 10 years service life, automatic recognition of external battery modules (EBM)         Communication       1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay         Communication ports       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         Operating conditions, standards and approvals       0 to 40°C         Operating temeprature       0 to 40°C         Safety       IEC/EN 62040-1, UL 1778, CSA 22.2         EMC       IEC/EN 62040-2, FCC Class B, CISPR22 Class B         Approvals & markings       CE /CB report (TUV) / EAC/ Energy Star         Dimensions H x W x D in mm/weight       1.5kVA       2.2kVA       3kVA         JPS       86 5x440x450/15.8Kg       86.5x440x605/22.1Kg       86.5x440x605/22.8Kg         EBM       42.9x438x48/12Kg       42.9x438x603/17.4Kg       42.9x438x603/17.4Kg  | 9PX 3000                            | 68                 | 46   | 30                          | 21                        | 14                                   | 10.5                |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Communication       1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay         Communication ports       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         Operating conditions, standards and approvals       0 to 40°C         Operating temeprature       0 to 40°C         Typical noise level       35dB       40dB         Safety       IEC/EN 62040-1, UL 1778, CSA 22.2         EMC       IEC/EN 62040-2, FCC Class B, CISPR22 Class B         Approvals & markings       CE /CB report (TUV) / EAC/ Energy Star         Dimensions H x W x D in mm/ weight       1.5kVA       2.2kVA       3kVA         JPS       86.5x440x450/15.8Kg       86.5x440x605/22.1Kg       86.5x440x605/22.8Kg         EBM       42.9x438x448/12Kg       42.9x438x603/17.4Kg       42.9x438x603/17.4Kg   | 9PX 3000 + 1 EBM/4EBM               | 184/516            | 120/320  | 80/215                      | 54/153                    | 37/104                               | 28/78               |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Communication ports1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for output relayCommunication slot1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.Operating conditions, standards and approvalsDeperating conditions, standards and approvals40dBSafety0 to 40°CSafetyIEC/EN 62040-1, UL 1778, CSA 22.2EMCIEC/EN 62040-2, FCC Class B, CISPR22 Class BApprovals & markingsCE /CB report (TUV) / EAC/ Energy StarDimensions H x W x D in mm/ weight1.5kVAJPS86.5x440x450/15.8Kg86.5x440x450/15.8Kg65.5x440x605/22.1Kg86.5x440x450/15.8Kg42.9x438x448/12Kg42.9x438x603/17.4Kg42.9x438x603/17.4Kg  | Battery                             | Lithium-ion batte  | ery (LFP) with 8 to 10 year  | s service life, automatic r | ecognition of external ba | attery modules (EBM)                 |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| communication ports       + 1 mini-terminal block for output relay         Communication slot       1 slot for Gigabit Network management card (included in netpack versions), Industrial Gateway Card (Modbus TCP/RTU), or Relay card.         Operating conditions, standards and aprovals <ul> <li>Deperating temeprature</li> <li>0 to 40°C</li> <li>Safety</li> <li>IEC/EN 62040-1, UL 1778, CSA 22.2</li> <li>EMC</li> <li>IEC/EN 62040 - 2, FCC Class B, CISPR22 Class B</li> <li>CE /CB report (TUV) / EAC/ Energy Star</li> <li>Dimensions H x W x D in mm/ weight</li> <li>JSkVA</li> <li>SAfety</li> <li>Safety</li> <li>SkVA</li> <li>Sk40x405/15.8Kg</li> <li>Se5x440x605/22.1Kg</li> <li>Sk40x605/22.8Kg</li> <li>EBM</li> <li>42.9x438x408/12Kg</li> <li>42.9x438x603/17.4Kg</li> <li>42.9x438x603/17.4Kg</li> <li>42.9x438x603/17.4Kg</li> <li>Sk603/17.4Kg</li> <li>Sk603/17.4Kg<!--</td--><td>Communication</td><td></td><td></td><td></td><td></td><td></td><td></td></li></ul>   | Communication                       |                    |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Operating conditions, standards and approvals         Image: Standards and approvals           Deperating temeprature         0 to 40°C           Typical noise level         35dB         40dB           Safety         IEC/EN 62040-1, UL 1778, CSA 22.2           EMC         IEC/EN 62040 -2, FCC Class B, CISPR22 Class B           Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           PS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg  | Communication ports                 |                    |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Operating temeprature         O to 40°C           Typical noise level         35dB         40dB           Safety         IEC/EN 62040-1, UL 1778, CSA 22.2            EMC         IEC/EN 62040 -2, FCC Class B, CISPR22 Class B            Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star            Dimensions H x W x D in mm/ weight             1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg  | Communication slot                  | 1 slot for Gigabit | 1 slot for Gigabit Network management card (included in netpack versions). Industrial Gateway Card (Modbus TCP/RTU), or Relay card |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Typical noise level         35dB         40dB           Safety         IEC/EN 62040-1, UL 1778, CSA 22.2         IEC/EN 62040-2, FCC Class B, CISPR22 Class B           EMC         IEC/EN 62040-2, FCC Class B, CISPR22 Class B         IEC/EN 62040-2, FCC Class B, CISPR22 Class B           Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star         IEC/EN 62040-2, FCC Class B, CISPR22 Class B           Dimensions H x W x D in mm/ weight         I.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg   | Operating conditions, standards and | °                  |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Name         IEC/EN 62040-1, UL 1778, CSA 22.2           EMC         IEC/EN 62040 -2, FCC Class B, CISPR22 Class B           Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg  | Operating temeprature               | 0 to 40°C          |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| EMC         IEC/EN 62040 - 2, FCC Class B, CISPR22 Class B           Approvals & markings         CE / CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg  | Typical noise level                 | 35dB               |  | 40dB                        |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Approvals & markings         CE /CB report (TUV) / EAC/ Energy Star           Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg  | Safety                              | IEC/EN 62040-1,    | UL 1778, CSA 22.2  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Dimensions H x W x D in mm/ weight         2.2kVA         3kVA           1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg           Customer service and support         56.5x440x605/22.1Kg         56.5x440x605/22.8Kg   | EMC                                 | IEC/EN 62040 -2,   | FCC Class B, CISPR22 Cla   |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| 1.5kVA         2.2kVA         3kVA           JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg           Customer service and support         5.5x440x605/22.1Kg         5.5x440x605/22.8Kg  | Approvals & markings                | CE /CB report (TL  | CE /CB report (TUV) / EAC/ Energy Star   |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| JPS         86.5x440x450/15.8Kg         86.5x440x605/22.1Kg         86.5x440x605/22.8Kg           EBM         42.9x438x448/12Kg         42.9x438x603/17.4Kg         42.9x438x603/17.4Kg           Customer service and support   | Dimensions H x W x D in mm/ weigh   | nt                 |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| EBM 42.9x438x448/12Kg 42.9x438x603/17.4Kg 42.9x438x603/17.4Kg Customer service and support   |                                     | 1.5kVA             | 1.5kVA   |                             | 2.2kVA                    |                                      | 3kVA                |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Customer service and support   | UPS                                 | 86.5x440x450/15.   | 86.5x440x450/15.8Kg  |                             | 86.5x440x605/22.1Kg       |                                      | 86.5x440x605/22.8Kg |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| 11   | EBM                                 | 42.9x438x448/12    | ζg   | 42.9x438x603/17.            | 4Kg                       | 42.9x438x603/17                      | '.4Kg               |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
| Narranty 5 years full warranty (eletronics, internal batteries and EBM)  | Customer service and support        |                    |  |                             |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |
|  | Warranty                            | 5 years full warra | anty (eletronics, internal b   | atteries and EBM)           |                           |                                      |                     |  |          |    |    |    |    |    |  |  |                       |         |         |        |        |       |  |   |          |    |    |    |    |    |      |  |                       |         |         |        |        |        |       |   |         |                   |                             |                             |                           |                      |  |  |               |  |  |  |  |  |  |   |                     |  |  |  |  |  |  |  |  |   |                    |                    |  |  |  |  |  |  |  |  |                                     |   |  |  |  |  |  |   |                       |           |  |  |  |  |  |   |                     |      |  |      |  |  |  |   |        |                 |                   |  |  |  |  |  |     |                  |                          |  |  |   |                      |                   |  |  |  |  |  |  |  |                                   |    |  |  |  |  |  |  |  |        |        |  |        |  |      |  |                              |     |                  |                     |  |                     |  |                     |  |    |     |                 |    |                  |     |                 |       |   |                              |  |  |  |  |  |  |  |          |                    |                              |                   |  |  |  |

\* Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

| Parts numbers*                     | 1.5kVA         | 2.2kVA         | 3kVA           |  |
|------------------------------------|----------------|----------------|----------------|--|
| UPS RT2U                           | 9PX1500IRT2U-L | 9PX2200IRT2U-L | 9PX3000IRT2U-L |  |
| UPS RT2U with Gigabit Network card | 9PX1500IRTN-L  | 9PX2200IRTN-L  | 9PX3000IRTN-L  |  |
| EBM RT1U                           | 9PXEBM48RT1U-L | 9PXEBM72RT1U-L | 9PXEBM72RT1U-L |  |

\*All 9PX Lithium-ion UPS and EBM are delivered with rack kit



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