

# HUBNETIX SUPREME PRO

## Online Single-Phase Double-Conversion UPS 1KVA~10KVA

### Description

HUBNETIX offers POWLINE SUPREME PRO Single-Phase UPS family, ranging from 1KVA to 10KVA, is a high frequency online Double conversion UPS available in Rack or Tower with fully DSP controlled technology provides mission-critical equipment with the highest level of power protection. With internal batteries and optional extended run time models, they can be maintained or replaced without removing the UPS from the rack mount. HUBNETIX Supreme PRO single phase of 6-10KVA UPS applies the advanced 3-level technology, achieving a efficiency up to 95%. With its compact design of high power density (kW=kVA) in 2U height, POWLINE SUPREME PRO make it ideal choice for computers, telecommunication equipment and other sensitive devices. These SUPREME PRO UPSs can achieve power expansion with Long Backup time capacities ranging from HPI-SP1101L to 10L, which allows to add battery modules in parallel depending on the needs.



### Features

#### Common features for 1-10KVA

- Wide range of input voltage while input PF>99%
- 19" Rack Mount Design
- DSP (Digital Signal Processor) Control Technology
- High output Power Factor
- LCD/LED display, monitoring all the operation status
- Automatic fan speed adjustment
- Abundant interface: RS232,USB, SNMP, Intelligent Card
- Wide Input Voltage & Frequency
- Light weight and Compact
- CE Compliant

#### Unique features for 6-10KVA

- High efficiency, up to 95%kVA=kW, output PF=1
- Intelligent charging management, effectively improving the life time of battery
- 3 level of technology, compatible with complicated load
- Self-aging function

### Applications

- IDC (Internet Dater Center), Network, Servers and Workstations, Control system, Communication system, Office, PC, Health Care, Industrial

## Technical Specifications

| MODEL                                  | HPI-SP1101S                                                               |                | HPI-SP1102S     |                | HPI-SP1103S     |                                                                            | HPI-SP1106DS                                                                                  |                 | HPI-SP1110DS    |                 |
|----------------------------------------|---------------------------------------------------------------------------|----------------|-----------------|----------------|-----------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|
|                                        | HPI-SP1101L                                                               |                | HPI-SP1102L     |                | HPI-SP1103L     |                                                                            | HPI-SP1106DL                                                                                  |                 | HPI-SP1110DL    |                 |
| Capacity                               | 1kVA                                                                      |                | 2kVA            |                | 3kVA            |                                                                            | 6kVA                                                                                          |                 | 10kVA           |                 |
| Input voltage range                    | 110VAC-288VAC                                                             |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
|                                        | 100% load@>176VAC; 80% load@>154VAC<br>70% load@>132VAC; 50% load@>110VAC |                |                 |                |                 | 100% load@>176VAC; 90% load@> 160VAC<br>80% load@>140VAC; 60% load@>110VAC |                                                                                               |                 |                 |                 |
| Input frequency                        | 40-70Hz                                                                   |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
| Input PF                               | ≥ 0.97                                                                    |                |                 |                |                 |                                                                            | ≥ 0.99                                                                                        |                 |                 |                 |
| Voltage regulation                     | ± 1 %                                                                     |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
| Output frequency                       | 50/60Hz                                                                   |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
| Output PF                              | 0.9                                                                       |                |                 |                |                 |                                                                            | 1.0                                                                                           |                 |                 |                 |
| Overload capability<br>(Inverter mode) | 105%-130%: to bypass 1 min;<br>150%: to bypass after 30 sec               |                |                 |                |                 |                                                                            | 110%:for 10 min ;125%:for 1min ;<br>150%:for 30 sec                                           |                 |                 |                 |
| Overload capability<br>(Battery mode)  | 105%-130%: shutdown after 10 sec;<br>150%: shutdown after 5 sec           |                |                 |                |                 |                                                                            | 110%: shut down after 1 min;<br>130%:shut down after 10 sec;<br>>130%: shut down after 200 ms |                 |                 |                 |
| Crest factor                           | 3:1                                                                       |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
| Efficiency                             | 87%                                                                       |                | 91%             |                | 90%             |                                                                            | 95%                                                                                           |                 |                 |                 |
| Display                                | LED+LCD                                                                   |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
| Battery voltage                        | 36VDC                                                                     |                | 72VDC           |                | 96VDC           |                                                                            | 192VDC                                                                                        |                 |                 |                 |
| Battery type/number                    | 12V,7Ah*3                                                                 |                | 12V,7Ah*6       |                | 12V,7Ah*8       |                                                                            | 12V,7Ah*16                                                                                    |                 | 12V,9Ah*16      |                 |
|                                        | External                                                                  |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
| Interface                              | RS232,SNMP                                                                |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
| Optional                               | USB, SNMP, Dry contacts                                                   |                |                 |                |                 |                                                                            | USB, SNMP, ECO kit, Dry contacts,<br>Battery cabinet                                          |                 |                 |                 |
| Operation temperature                  | 0-40°C                                                                    |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
| Relative humidity                      | 0-95%(non-condensing)                                                     |                |                 |                |                 |                                                                            |                                                                                               |                 |                 |                 |
| Dimensions                             | WxDxH                                                                     | WxDxH          | WxDxH           | WxDxH          | WxDxH           | WxDxH                                                                      | WxDxH                                                                                         | WxDxH           | WxDxH           | WxDxH           |
| W x D x H (mm)                         | 440 x 430 x 86                                                            | 440 x 430 x 86 | 440 x 480 x 173 | 440 x 480 x 86 | 440 x 480 x 173 | 440 x 480 x 86                                                             | 438 x 680 x 218                                                                               | 438 x 680 x 130 | 438 x 680 x 218 | 438 x 680 x 130 |
| Weight (Kgs)                           | 11.5                                                                      | 7              | 25              | 8              | 31              | 9.5                                                                        | 62                                                                                            | 18.5            | 70.5            | 21.5            |

\*\*Standards, Specifications and design are subject to change without notice.

\*\*Runtime varies with load, battery condition and other factors. \*Runtimes are expandable using optional external battery packs.

## HUBNETIX CORPORATION

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The dimensions and specifications in this document are for reference purposes only and are subject to change without notice.  
Consult HUBNETIX Corp. for the latest dimensions and design specifications.

