



## HUBNETIX SUPREME PRO

### Online Single-Phase Double-Conversion UPS 1KVA~3KVA



#### 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. These SUPREME PRO UPSs can achieve power expansion with Long Backup time capacities ranging from HPK-SP1101L to 10L, which allows to add battery modules in parallel depending on the needs.

#### Features

- 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

#### Applications

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

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### Technical Specifications

MODEL	HPK-SP1101L	HPK-SP111D5L	HPK-SP1102L	HPK-SP1103L
Capacity	1000VA / 900W	1500VA / 1350W	2000VA / 1800W	3000VA / 2700W
<b>INPUT</b>				
Nominal voltage	208/220/230/240Vac			
Input voltage range	110~300Vac (176~264Vac @ 100% load)			
Power factor	≥0.99			
<b>FREQUENCY</b>				
Frequency range	40~70Hz (50/60Hz Auto-Sensing)			
<b>OUTPUT</b>				
Output voltage	208/220/230/240Vac			
Voltage regulation	±1%			
Power factor	0.9			
Output frequency Line mode	46~54Hz or 56~64Hz			
Output frequency Bat. Mode	(50/60±0.1%)Hz			
Crest factor	3:1			
Harmonic distortion (THDv)	≤3% Linear load≤5% Non linear load			
Transfer time AC mode to Bat.mode	0ms			
Transfer time Inverter to Bypass	4ms (Typical)			
Output waveform	Pure Sinewave			
<b>EFFICIENCY</b>				
AC mode	89%	89%	91%	92%
Battery mode	85%	85%	87%	88%
<b>BATTERY</b>				
Battery number	2   3	3	4   6	6   8
Capacity (Standard unit)	9Ah/12V (7Ah/12V Optional)			
Typical recharging time	4 hours (To 90% of full capacity)			
Charging current (Max.)	6A/12A			
<b>INDICATORS</b>				
LED display	Line mode,Bat.mode,ECO mode,Bypass mode,Battery low voltage,Overload & UPS fault			
LCD display	Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time			
<b>ALARM</b>				
Battery mode	Beeping every 4 seconds			
Battery low	Beeping every second			
Overload	Beeping twice every second			
Fault	Continuously beeping			
<b>PHYSICAL</b>				
Dimension W x D x H (mm)	440x325x86.5		440x600x86.5	
Net weight (kg)	5.6	8.1	10.5	11
<b>ENVIRONMENT</b>				
Operating temperature	0°C~40°C			
Storage temperature	-25°C~55°C			
Humidity range	20~95%RH @ 0~40°C (Non condensing)			
Altitude	<1500m,derating required when>1500m			
Noise level	<50dB at 1 Meter			
<b>STANDARDS</b>				
Safety	IEC/EN62040-1,IEC/EN62477-1			
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8			

\*\*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

71-75, Shelton Street, London, UK.

[www.hubnetix.com](http://www.hubnetix.com)

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.

