

# PowerHeart S UPS

## 6~10kVA Single phase Rack UPS



### Power range

6~10 kVA

### Operation

1P/1P, online double conversion

### Designed to CARE

Home, Small & Medium Offices, Gamers' zones, Smart Homes, Food & retail business, Business branches (gas, pharmacy, banks, ATM), Public Service Offices, etc.

### Characteristics

- Intelligent battery management.
  - 3-level topology, high performance and efficiency.
  - Online double conversion, full digital control.
  - Output PF=1, high load adaptability.
  - Wide range of input voltage tolerance.
  - Adapt to half-wave load.
  - Auto fault waveform recording.
  - Self-aging function to save test energy
- 10kW in 4 U, high power density.

Model		PHS006LVBR	PHS006LVLR	PHS010LVLR
Rate Power		6kVA/6kW	6kVA/6kW	10kVA/10kW
Cold Start		Default output 50/60Hz		
Input voltage range		60- 155VAC: 100% load@>105VAC: 90% load@>95VAC 75% load@>80VAC 50% load@>60VAC		
Input power factor		<=0.99		
Frequency range		40/70±5Hz		
Output power factor		1.0		
Output	Rate Voltage	100/110/115/120VAC		
	Load response	<=5% (0%-100%-0%)		
	Recovery Time	<=40% (0%-100%-0%)		
	Output THDu	<=1, linear load; <=5%, non -linear load according to IEC62040-3		
Transfer time	Main to BAT	0ms		
	INV to BYP	0ms		
Efficiency (normal mode)		Max 94.5%		
Crest factor		3:1		
Noise (1 meter)		<58dB		
Overload	Normal	105%~110%: 10mins, 111%~125%:1mins, 126%~150%: 30 seconds		
	Eco mode	<125%:long time,126%-130%: 5mins 131% -150%:1min, >150%: 200ms		
Battery	Type	12VDC/7Ah	External battery	
	Number	16PCS	16-24 PCS settable	
	Max Charging	1A	5A	
	Voltage	192VDC(default) settable		
	Communication	RS232, EPO,RS485		
	Option	AS400, USB, SNMP card, 12A charger, parallel kit, Air filter		
Dimension ,W*D*H(mm)		440*660*172	440*580*86	440*730*173 (4U)
Weight (kg)		62.5	18	26