

PowerHeart S UPS

6~20kVA Single phase Tower UPS



Power range

6~20 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

Model	PHS006B	PHS006L	PHS010B	PHS010L	PHS015L	PHS020L
Rate Power	6kVA/6kW	6kVA/6kW	10kVA/10kW	10kVA/10kW	15kVA/15kW	20kVA/20kW
Cold start	Default output 50/60Hz					
Input voltage range	110~288VAC (220/230/240VAC); 176VAC~288VAC, full load; 176~110 VAC, power derate from 100% to 50%					
Input power factor	≥0.99					
Frequency range	40-70Hz					
Output frequency	50/60Hz, self adaption					
Output power factor	1					
Rate output	220/230/240VAC					
Load regulation	+1%					
Output THDu	<1% THD, linear load; <5% non-linear load					
Transfer time-main to BAT	0ms					
Transfer time-INV to BYP	0ms					
Efficiency-normal mode	Max 95%					
Efficiency-ECO mode	98%					
Noise (1 meter)	58dB				62dB	
Overload (normal mode)	110%:10mins; 125%:1min; 150%: 30 seconds					
Battery	Model	12VDC/7Ah	External, 16-24 settable	12VDC/9Ah	External, 16-24 settable	External, 16-24 settable
	Quantity	16		16		
	Max charging	1A	5A	1A	5A	5A
	Rate voltage	Default 192VDC, settable				
Crest	3:1					
Display	LED+LCD					
Standard	RS232, EPO, RS485					
Option	AS400, SNMP card, Parallel kit, Maintenance bypass kit, 12A charger, Air filter					
Dimension, W*D*H (mm)	190*605*705	190*605*338	190*605*705	190*605*338	190*564*550	
Weight (kg)	56	14	60	16	30	