

# PowerHeart S Series

## 6~10kVA Split Phases Tower UPS



### Power Range

6~10KVA With internal split phases transformer

### Operation

Online double conversion

### Designed to CARE

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

### Characteristics

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

Model		PHS006B-LV	PHS006L-LV	PHS010L-LV
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		40-70Hz		
Output frequency		50/60Hz, self adaption		
Output power factor		1		
Rate output		110/115/120/127VAC		
Load regulation		±1%		
Output THDu		≤1%THD, linear load; ≤5%THD, non-linear load		
Transfer time-main to BAT		0ms		
Transfer time-INV to BYP		0ms		
Efficiency-normal mode		Max 94%		
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	
	Quantity	16		
	Max charging	1A	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*564*550
Weight (kg)		56	16	30