

# 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.

Model	PHS006BR	PHS006LR	PHSO10BR	PHSO10LR
Rate Power	6kVA/6kW	6kVA/6kW	10kVA/10kW	10kVA/10kW
Cold start	Default output 50/60Hz			
Input voltage range	110 288VAC 100% load@>176VAC 90% load@>154VAC 75% load@>132VAC 50% load@>110VAC			
Input power factor	≥0.99			
Frequency range	40-70Hz			
Output power factor	1.0			
Output	Rate voltage	220/230/240VAC, 200/208VAC (PF=0.9)		
	Load response	≤5% (0%-100% - 0%)		
	Recovery time	≤40ms (0%-100%- 0%)		
	THDu	≤1%, linear load; ≤5% non-linear load according to IEC62040-3		
Transfer time-Main to Battery	0ms			
Transfer time-INV to BYP	0ms			
Crest factor	3:1			
Battery type	12VDC/7Ah	External battery	12VDC/9Ah	External battery
Battery Number	16PCS	16-24 PCS settable	16PCS	16-24 PCS settable
Battery voltage	192VDC (default), settable			
Max charging	1A	5A	1A	5A
Efficiency-normal mode	Max 95%			
Noise (1 meter)	<58dB			
Overload	Normal mode	105% 110%: 10mins, 111%~125%: 1 min, 126%~150%: 30 seconds		
	ECO mode	<125%: long time, 126%~130%: 5mins, 131%~150%: 1min, >150%: 200ms		
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*660*172	440*580*86
Weight(kg)	62.5	16	63	18