

PowerHeart S UPS

1~3kVA Single phase Tower UPS



Power range

1~3 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

- High efficiency up to 96%.
- Output PF=1, high load adaptability.
- Wide input voltage range of 110~300Vac.
- Max charging current up to 12A

Model	PHS001B	PHS01.5B	PHS001L	PHS002B	PHS002L	PHS003B	PHS003L
Rate Power	1kVA/1kW	1.5kVA/1.5kW	1kVA/1kW	2kVA/2kW	2kVA/2kW	3kVA/3kW	3kVA/3kW
Cold start	Default output 50/60Hz						
Input voltage range	110~300VAC;100% load@176VAC~276VAC, 100%~50% power derating@110VAC~176VAC, 50% load@276VAC~300VAC						
Input power factor	≥0.99						
Frequency range	50/60±5Hz(default), ±3Hz/±10Hz(settable)						
Output power factor	1.0						
Rate voltage	220/230/240VAC, 200/208VAC(PF=0.9)						
Load response	≤5% (0% 100% -0%)						
Recovery time	≤40MS (0% 100% -0%)						
Output THDu	≤2%, Linear load, ≤5% non-linear load according to IEC62040-3						
Main to BAT	0						
INV to BYP	4 ms						
Crest factor	3:1						
Efficiency (normal mode)	Max 96%						
Noise (1 meter)	43dB@<60%load, 47dB@>60%load		<50dB@<60%load,<55dB@>60% load		<50dB @<60%load,<55dB@>60%load		
Normal	102% 110%: 30mins, 110%~125%:10mins, 125%~150%: 30 seconds						
Battery mode	102% 110%: 1min, 110%~125%: 10 seconds, 125%~150%:5 seconds						
Bypass mode	<130%: long time, 130%~150%:10mins, 150%~180%:5 seconds						
Model	12VDC/7Ah	Depend on	12VDC/7Ah	Depend on	12VDC/7Ah	Depend on	12VDC/7Ah
Quantity	3	external battery	6	external battery	8	external battery	8
Max charging	1A	1-12A(settable)	1A	1-12A(settable)	1A	1-12A(settable)	1A
Rate voltage	36VDC		72VDC		96VDC		
Standard	EPO, RS232						
Option	SNMP card, AS400, USB, RS485, BMS by dry contact, Air filter						
Dimension,W*D*H(mm)	144*355*226		190*400*328		144*398*223		190*400*328
Weight (kg)	10.5		4.5		20.5		6