



POWERHEART S *UPS CATALOGUE* *(SINGLE PHASE)*



PowerHeart S UPS

1~3kVA online Rack 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 94.5%.
- Wide input voltage range of 55~150Vac.
- Output PF=1, high load adaptability.

Model		PHS001BRL	PHS002BRL	PHS003BRL
Rate Power		1kVA/1kW	2kVA/2kW	3kVA/3kW
Cold Start		Default output 50/60Hz		
Input voltage range		55 150VAC 100% load@>90VAC 70% load@>70VAC 40% load@>50VAC		
Input power factor		<=0.99		
Frequency range		50/60±5Hz(default),±3Hz/±10Hz(settable)		
Output power factor		1.0		
Output	Rate Voltage	100/110/115/120VAC		
	Load response	≤5% (0% - 100% -0%) step load		
	Recovery Time	≤40ms (0% - 100% -0%) Step load		
	Output THDu	≤2% , Linear load ; ≤ 5% non-linear load according to IEC62040-3		
Transfer time	Main to BAT	0		
	INV to BYP	4ms		
Efficiency (normal mode)		Max 94.5%		
Noise (1 meter)		<47dB	<50Db	
Overload	Normal	102%~110%: 10mins, 111%~130%:1mins, 131%~150%: 30 seconds		
	Battery mode	<110%: 1min, >110%:5 seconds		
Battery	Model	12VDC/9Ah		
	Quantity	2	4	6
	Max Charging	1A		
	Rate voltage	24VDC	48VDC	72VDC
	Standard	EPO, RS232		
	Option	SNMP card,AS400, USB, RS485, BMS by dry contact, Air filter		
Dimension ,W*D*H(mm)		440*440*86	440*580*86	
Weight (kg)		19	23.5	28