

PowerHeart Dual Phase Series

6~10kVA Split phase Rack UPS



Power range

6~10kVA



Operation

Split-phase, online double conversion



Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, 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		PHDD006LR	PHDD010LR
Rate Power		6kVA/6kW	10kVA/10kW
Cold start		Default frequency 60Hz	
Input voltage range		L-L, 110~300VAC(220VAC/230VAC/240VAC)	
Frequency range		50/60Hz±5Hz	
Output power factor		1	
Rate output		L-N, 110/115/120/128VAC. L-L 220/230/240VAC	
Load regulation		±1%	
Output THDu		≤2%THD, linear load; ≤5%THD, non-linear load	
Transfer time-main to BAT		0ms	
Transfer time-INV to BYP		2ms	
Efficiency-normal mode		up to 92.5%	
Efficiency-ECO mode		up to 96.5%	
Noise (1 meter)		linear fan speed	
Overload (normal mode)		110%:10mins;130%:1min;150%:30 seconds(Transfer to bypass)	
Battery	Quantity	16-20	
	Max charging	8A, 12A optional	
	Rate voltage	Depend on the capacity of external batteries	
Crest		3:1	
Display		LED+LCD	
Standard		RS232, EPO, RS485	
Option		AS400, SNMP card, USB, Parallel kit	
Dimension, W*D*H (mm)		440*660*173	440*660*217
Weight (kg)		60	85

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