

Durable Series

DS-I-RM 1K-3K

Features

- 19 Inches rack mounted design
- Online double conversion technology
- High frequency and IGBT technology
- Wide Input range
- Zero transfer time
- Overload, short circuit and bypass protection
- LED/LCD display
- Cold start

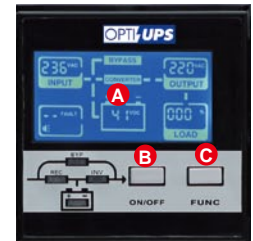


Specifications

Model Name	DS1000I-RM	DS2000I-RM	DS3000I-RM	
Topology	True On-Line, Double Conversion, High Frequency			
On-battery Output Waveform	Pure Sine Wave			
Maximum Capacity	200/208Vac 230/240Vac	1KVA / 800W 1KVA / 900W	2KVA / 1600W 2KVA / 1800W	
			3KVA / 2400W 3KVA / 2700W	
INPUT				
Cold Start	YES, default frequency=50Hz or settable			
Acceptable Input Voltage	176VAC~288VAC, 1P2W+G			
Transfer Voltage Range	200/208/220/230/240VAC			
Input Power Factor	≥0.97			
Input Frequency Range	40~70Hz			
OUTPUT				
Nominal voltage	200/208/220/230/240VAC			
Voltage regulation	± 1 %			
Voltage distortion	≤2% THD, linear load			
Frequency adaptable	Settable			
Frequency-Synchronization range	±5Hz default			
Frequency-Slew rate	0.5~5Hz/s, 2 Hz/s default			
Frequency-Battery mode	50 ±0.1Hz default			
Efficiency-ECO mode	94.0%	97.0%	97.0%	
Efficiency -Battery mode (100% load)	83%	87%		
Overload Capability (Bypass Mode)	<130%: Long time >130%&<150%: Shutdown after 10min >150%&<180%: Shutdown after 5 seconds			
Output Connection	(6) IEC C13	(6) IEC C13	(6)IEC C13+(1)IEC C19	
BATTERY				
Configuration	36V(12V7Ah x 3)	72V(12V7Ah x 6)	96V(12V7Ah x 8)	
Back-up Time	6mins @80% load	6mins @80% load	5.5mins @80% load	
Recharge Time to 90%(Typical)	<4 Hours			
INDICATOR & ALARM				
Front Panel	LED+LCD			
Audible Alarms	Battery mode / UPS fault / Overload			
COMMUNICATION INTERFACE				
Communication Port	RS232 and USB			
SNMP Manageable	yes			
ENVIRONMENTAL				
Operation Temperature	0~40°C / 32~104°F			
Storage Temperature	-20~60°C / -4~140°F			
Relative Humidity	0~95% Non condensing			
Audible Noise	<40dBA			
PHYSICAL				
Dimensions (WxDxH)	Physica	440×430×86mm(2U)	440×480×173mm(4U)	440×480×173mm(4U)
	Packing	580×565×250mm	580×660×335mm	580×660×335mm
Weight	Net	13.5kg	28kg	33kg
	Package	16kg	31kg	36kg
Rack / Tower	Rack and Tower			

Specifications are subject to change without notices.

Front Panel



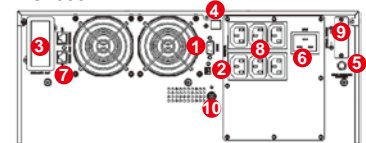
- A** LCD
- B** On/off
- C** Func

Rear Panel

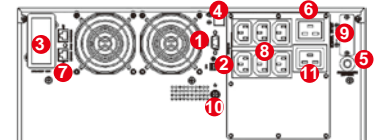
DS1000I-RM



DS2000I-RM



DS3000I-RM



- 1** RS232 Communication port
- 2** EPO
- 3** Intelligent slot
- 4** USB port
- 5** Input surge protection slot
- 6** Input socket
- 7** Network surge protection
- 8** Output socket
- 9** External battery port (Optional)
- 10** Battery ground
- 11** Output socket