

## 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

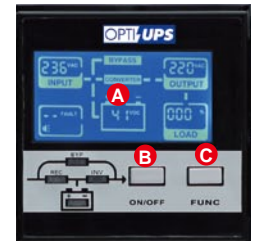


### Specifications

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

Specifications are subject to change without notices.

### Front Panel



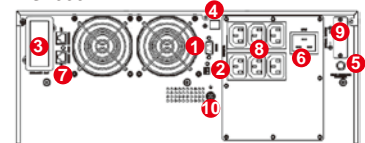
- A** LCD
- B** On/off
- C** Func

### Rear Panel

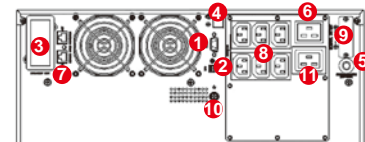
#### DS1000I-RM



#### 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