Standby UPS Series

Line Interactive UPS Series

On Line UPS Series

AVR Series

Inverter Series

Surge Series
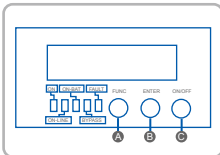
Green Power Series

Networking Series

*DS1000B-RM

DS1000B-RM / DS1500B-RM / DS2000B-RM / DS3000B-RM

Features

* Zero transfer time (online)
* Smart fan speed control
* Saves more power and minimizes noise
* 4 hours recharge time
* Cold start (DC power on)
* EPO port ready: emergency power off switch

* SNMP card slot available
* Hot swappable / replaceable battery: continuous operation even when battery is being replaced
* Extended battery pack (optional)
* RS232 and USB port
* Full version of OPTI-SAFE Xtreme software

Front Panel

DSB-RM

A) Func
B) Enter
C) on / off

Backup Time (Typical)

DS1000B-RM	1PC+1LCD	80 mins
DS1500B-RM	1PC+1LCD	90 mins
DS2000B-RM	1PC+1LCD	120 mins
DS3000B-RM	1PC+1LCD	140 mins

Specifications

Model Name	DS1000B-RM	DS1500B-RM	DS2000B-RM	DS3000B-RM
Topology	True On-Line, Double Conversion			
On-Battery Output Waveform	Sine Wave			
Number of Phase	Single Phase (2W+G)			
INPUT				
Maximum Capacity	1000VA / 700W	1500VA / 1050W	2000VA / 1400W	3000VA / 2100W
Nominal Input Voltage	100/110/120Vac or 220/230/240Vac			
Input Voltage Regulation	80-144Vac or 160-276Vac			
Nominal Input Frequency	50Hz / 60Hz Auto Sensing			
Input PFC	> 0.97@Full load			
Input Short Protection	Circuit Breaker			
OUTPUT				
Nominal Output Voltage	100/110/115/120/127Vac or 208/220/230/240Vac (selectable)			
Output Voltage Regulation	Rated Voltage +/- 2%			
Output T.H.D	< 3% T.H.D at Linear Load			
High Efficiency Mode (AC to AC)	92%			
Crest Factor	3:1			
Start on Battery	Yes			
Auto Restart	Yes			
Number of Outlets	6 Battery backup (US) 4 Battery backup (IEC)		4 Battery backup (US) 5 Battery backup (IEC320 10A*4, IEC320 16A*1)	
PROTECTION				
Data Line Surge Protection	RJ11 / RJ45			
BATTERY				
Extended Battery Pack	BP1000-RM	BP1500-RM	BP2000-RM	BP3000-RM
User Replaceable Battery	36V / 12V7.2AH x 3	36V / 12V34W x 3	72V / 12V7.2AH x 6	72V / 12V34W x 6
Recharge Time to 90%	< 4 Hours			
Typical Backup Time (Full / Half load)*	6 / 18 min	5 / 15 min	6 / 18 min	5 / 15 min
ADVANCED WARNINGS / DIAGNOSTICS				
Front Panel LEDs	AC mode / On line / On battery / Bypass / Fault / Overload and 15 UPS Parameters			
Audible Alarms	Battery mode / UPS fault / Overload			
COMMUNICATIONS 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% humidity , non-condensing			
Audible Noise	< 40 dBA (at 1 meter from surface of unit)			
PHYSICAL				
Dimensions (Physical / Packing) (in) (L x W x H) (mm)	16.9x16.7x3.3 / 21.7x21.5x8.1 428x425x84 / 552x546x206		25x16.9x3.3 / 29.5x21.7x8.7 635x428x84 / 750x550x220	
Weight (Net / Gross) (lbs) (kg)	40.1 / 47.4 18.2 / 21.5	40.6 / 47.8 18.4 / 21.7	69.7 / 74.5 31.6 / 33.8	
Battery Pack (Net / Gross) (kg)	22 / 24		42.5 / 46	71.6 / 78.7
Battery Pack Dimensions (Physical / Packing) (in) (L x W x H) (mm)	16.9 x 16.7 x 3.3 / 21.7 x 21.5 x 8.1 428 x 425 x 84 / 552 x 546 x 206		25 x 16.9 x 3.3 / 29.5 x 21.7 x 8.7 635 x 428 x 84 / 750 x 550 x 220	32.5 / 35.7
CONFORMANCE				
Approvals	CE ; UL / cUL ; C-Tick, A-Tick ; GOST-R			

Specifications are subject to change without notice.
* Backup time depends on power consumption of equipment attached and on UPS battery capacity. Numbers here are for reference only.

Rear Panel

DS3000B-RM
100V / 110V / 120V

Data Line Protection USB RS232
Outlets Input Extended Battery Connector EPO

220V / 230V / 240V
Data Line Protection USB RS232
Input Outlets Extended Battery Connector EPO

OPTI UPS ®
Protect and Serve