

Durable 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 software

Front Panel

DSB-RM



- 1 Function
- 2 Enter
- 3 On / Off

Rear Panel

DS1000B-RM / DS1500B-RM



100V / 110V / 120V



220V / 230V / 240V

DS2000B-RM



100V / 110V / 120V



220V / 230V / 240V

DS3000B-RM



100V / 110V / 120V



220V / 230V / 240V

- Ⓐ Battery Backup Outlets
- Ⓑ Input
- Ⓒ Data Line Protection
- Ⓓ USB
- Ⓔ Extended Battery Connector
- Ⓕ RS232
- Ⓖ EPO
- Ⓗ SNMP Card Slot
- Ⓘ Output Circuit Breaker
- ⓵ Input Circuit Breaker

Durable Series

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

Specifications

Model Name	DS1000B-RM	DS1500B-RM	DS2000B-RM	DS3000B-RM
Topology	True On-Line, Double Conversion, High Frequency			
On-battery Output Waveform	Pure Sine Wave			
Maximum Capacity	1000VA / 700W	1500VA / 1050W	2000VA / 1400W	3000VA / 2100W
INPUT				
Nominal Input Voltage	100 / 110 / 120Vac or 220 / 230 / 240Vac			
Nominal Input Frequency	50Hz / 60Hz Auto Sensing			
Input Voltage Range	80-144Vac(100 / 110 / 120Vac) or 160-276Vac(220 / 230 / 240Vac)			
OUTPUT				
Nominal Output Voltage	100 / 110 / 120 / 127Vac or 220 / 230 / 240Vac (selectable)			
Output Voltage Regulation	Rated Voltage ±2% (on battery)			
Transfer Time (Typical)	0 ms			
Start on Battery	Yes			
Auto Restart	Yes			
Number of Outlets	6 Battery backup (NEMA 15A) 4 Battery backup (IEC 10A)		4 Battery backup (NEMA 15A) 5 Battery backup (IEC 10A×4 / 16A×1)	4 Battery backup (NEMA 15A)
PROTECTION				
Data Line Surge Protection	RJ11 / RJ45			
Surge Energy Rating	125J (100 / 110 / 120Vac), 280J (220 / 230 / 240Vac)			
Overload Protection	UPS shuts down at 110% load after 10 secs or 130% load after 1.5 secs			
Over Current Protection	Circuit Breaker			
Discharge Protection	Keylock			
BATTERY				
Configuration	36V (12V 7.2AH×3)	36V (12V 34W×3)	72V (12V 7.2AH×6)	72V (12V 34W×6)
Backup Time (Full / Half load)	6 / 18 min	5 / 15 min	6 / 18 min	5 / 15 min
Recharge Time to 90% (Typical)	<4 Hours			
Extended Battery Pack (Optional)*	BP1000-RM 12V 7.2AH×6	BP1500-RM 12V 34W×6	BP2000-RM 12V 7.2AH×12	BP3000-RM 12V 34W×12
ADVANCED WARNINGS / DIAGNOSTICS				
Front Panel	AC mode / On line / On battery / Bypass / Fault / Overload and 15 UPS Parameters			
Audible Alarms	Battery mode / UPS faults / 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	Physical / Packing (in)	16.9×16.7×3.3 / 21.7×21.5×8.1		25×16.9×3.3 / 29.5×21.7×8.7
	L×W×H (mm)	428×425×84 / 552×546×206		635×428×84 / 750×550×220
Weight (Net / Gross)	lbs	40.1 / 47.4	40.6 / 47.8	69.7 / 74.5
	kg	18.2 / 21.5	18.4 / 21.7	31.6 / 33.8
Battery Pack Dimensions	Physical / Packing (in)	16.7×16.9×3.3 / 21.5×21.7×8.1		25×16.9×3.3 / 29.5×21.7×8.7
	L×W×H (mm)	425×428×84 / 546×552×206		635×428×84 / 750×550×220
Battery Pack (Net / Gross)	(lbs)	48.7 / 53.1		94 / 101.7
	(kg)	22 / 24		42.5 / 46
CONFORMANCE				
Approvals	UL / cUL, CE, GOST-R			

Specifications are subject to change without notices

* The external battery pack is optional. Battery pack needs to be connected to UPS before connecting any load and turning on the UPS.

The model with optional USB port provides both RS232 and USB connectivity, but only one connectivity can be used at a time.



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