

Durable Series

DS-B-RM 6K-10K



Features

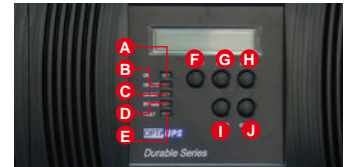
- Online double conversion design
- Pure sine wave output with less than 3% THD
- Fully digitized microprocessor control
- Power factor correction
- Selectable UPS output voltage
- High efficiency mode
- Cold start function (DC power on)
- Emergency power off function (EPO)
- Short circuit and overload protection
- Fax / Modem / LAN data line surge protection
- Advanced battery management (ABM)
- Automatic battery charging in UPS OFF mode
- Automatic diagnostics and battery check-up
- Extended battery pack available
- Multilanguage LCD display
- RS232 and USB Communication ports, UPS monitoring software

Specifications

Model Name	DS6KB-RM	DS10KB-RM
Topology	True On-Line, Double Conversion / High Frequency	
On-battery Output Waveform	Pure Sine Wave	
Maximum Capacity	6000VA / 4200W	10000VA / 7000W
Cabinet Type	3U Machine + 3U Battery Pack	
INPUT		
Nominal Input Voltage	220/ 230/ 240Vac	
Input Voltage Regulation	176-276Vac	
Nominal Input Frequency	50Hz / 60Hz Auto Sensing	
Parallel function (Total Parallel Number)	NA	
OUTPUT		
Nominal Output Voltage	220/ 230/ 240Vac	
Output Voltage Regulation	Rated Voltage ± 2% (on battery)	
Transfer Time	0 ms	
Start on Battery	Yes	
Auto Restart	Yes	
PROTECTION		
Data Line Surge Protection	RJ11 / RJ45	
Overload Protection	UPS shuts down at 130% load for 10 secs or 150% load for 2 secs	
Over Current Protection	Circuit Breaker	
Discharge Protection	Keylock	
BATTERY		
Typical Backup Time (Full / Half load)*	7 / 20 min	4 / 13 min
Recharge Time to 90% (Typical)	< 4 Hours	
Extended Battery Pack	DS6000BP-RM	DS10000BP-RM
	240V (12V / 7.2AH ×20)	240V (12V / 9AH ×20)
ADVANCED WARNINGS / DIAGNOSTICS		
Front Panel	On / On Line / On Battery / Bypass / Fault and 15-UPS status	
Audible Alarms	Battery Mode / Battery Test / Replace Battery / Low Battery / UPS fault / Overload	
COMMUNICATION INTERFACE		
Communication	Port RS232 & USB#	
SNMP Manageable	Yes	
ENVIRONMENTAL		
Operation Temperature	0°~40°C / 32°~104°F	
Storage Temperature	-15°~50°C / 5°~122°F	
Relative Humidity	0~95% Non condensing	
Audible Noise	< 55 DbA	
PHYSICAL / DS-B-RM		
Dimensions (L×W×H)	597×428×130 mm / 745×565×273 mm	657×428×130 mm / 805×565×280 mm
Physical/ Packing		
Weight (Net / Gross)	20kg / 24kg	24kg / 28kg
PHYSICAL / DS-BP-RM		
Dimensions (L×W×H)	597×428×130 mm / 740×560×370 mm	
Physical/ Packing		
Weight (Net / Gross)	66kg / 75.5kg	
CONFORMANCE		
Approvals	CE	

Front Panel

DS10KB-RM



- A On
- B On-Line
- C On-Bat
- D Bypass
- E Fault
- F On/Off
- G Func
- H Status
- I Enter
- J Escape

Rear Panel

DS6KB-RM



DS10KB-RM



- 1 Terminal Block
- 2 Breaker
- 3 TVSS
- 4 External Battery Connector
- 5 USB
- 6 Communication Port
- 7 SNMP Card Slot
- 8 Maintenance Bypass Switch
- 9 Input
- 10 RS232, EPO

Specifications are subject to change without notice

* One external battery pack is included with above models. Battery pack needs to be connected to UPS before connecting any load and turning on the UPS. The additional battery packs and charge box are optional for long backup demands.

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