

Durable Series

For data centers and mission critical systems

DS6KB-RM/ DS10KB-RM/ DS6KB-RMP/ DS10KB-RMP

- * 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



* DS6KB-RM/ DS10KB-RM/ DS6KB-RMP/ DS10KB-RMP

Specifications

Model Name	DS6KB-RM	DS10KB-RM	DS6KB-RMP	DS10KB-RMP
Topology	True On-Line, Double Conversion			
On-battery Output Waveform	Pure Sine Wave		Pure Sine Wave / Parallel	
Maximum Capacity	6000VA / 4200W	10000VA / 7000W	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			
Input PFC	0.95			
Input Protection	Circuit Breaker			
Parallel function(Total Parallel Number)	No		Parallel up to 3 units (Total 4 units)	
OUTPUT				
Nominal Output Voltage	220/ 230/ 240Vac (1Φ, 2 wires)			
Output Voltage Regulation	Rated Voltage +/- 2%			
Output T.H.D	< 3% T.H.D. at linear load			
High Efficiency Mode (AC to AC)	> 97%			
Crest Factor	3:1			
Start on Battery	Yes			
Auto Restart	Yes			
Transfer Time	0 ms			
PROTECTION				
Data Line Surge Protection	RJ11 / RJ45			
Overload Protection	125% Load for 1 minute, 150% of 10 seconds, >150% for 2 seconds			
Short Circuit Protection	RJ11 / RJ45			
BATTERY				
Typical Backup Time (Full / Half load)*	7 / 20 min	4 / 13 min	7 / 14 min	4 / 12 min
Recharge Time to 90% (Typical)	< 4 Hours			
Extended Battery Pack**	BP6000-RM (DC240V / 12V 7.2Ah x 20 or 12V 9Ah x 20)			
ADVANCED WARNINGS / DIAGNOSTICS				
Front Panel	On / On Line / On Battery / Bypass / Fault and 15-UPS status LCD display			
LED Panel	UPS Line-Mode (green) / On (green) / Battery Mode (yellow) / Bypass (yellow) / Fault (red)			
Audible Alarms	Battery Mode / Battery Test / Replace Battery / Low Battery / UPS fault / Overload			
UPS Fault	Continuous beeping sound and LCD display indication			
COMMUNICATION INTERFACE				
Communication Port	RS232 & USB#			
SNMP Manageable	Yes			
ENVIRONMENTAL				
Operation Temperature	0°~40°C / 32°~104°F			
Relative Humidity	0~95% humidity, non-condensing			
Audible Noise	< 55 dBA			
PHYSICAL / DS-B-RM				
Dimensions (Physical / Packing) (in)	23.5×16.9×5.1 / 29.1×22×10.7		26.4×16.9×5.1 / 32.1×22×10.7	
(L×W×H) (mm)	597×428×130 / 740×460×273		671×428×130 / 814×460×273	
Weight (Net / Gross) (lbs)	44.1 / 52.9	52.8 / 61.6	50.6 / 52.8	TBD
(kg)	20 / 24	24 / 28	23 / 27	
PHYSICAL / DS-BT-RM				
Dimensions (Physical / Packing) (in)	23.5×16.9×5.1 / 29.1×22×10.7		27.2×13.5×28.1 / 34.3×19.7×37.2	
(L×W×H) (mm)	597×428×130 / 740×460×273		690×342×715 / 870×500×945	
Weight (Net / Gross) (lbs)	52.8 / 166.1		149.6 / 182.6	
(kg)	66 / 75.5		68 / 83	
CONFORMANCE				
Approvals	CE			

Specifications are subject to change without notices.

* Typical backup time depends on power consumption of equipment attached and on UPS battery capacity. Values here are for reference only.

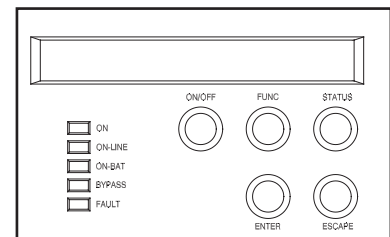
** One external battery pack is included with above models. Battery pack needs to be connected to UPS before connecting any load and turning on the UPS.

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 the same time.

Front Panel

DS6KB-RM/ DS10KB-RM

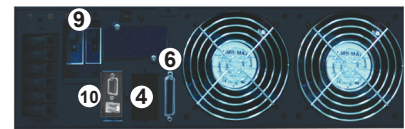


Rear Panel

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



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Standby UPS Series

Line Interactive UPS Series

On-Line UPS Series

Stabilizer Series

Inverter Series

Surge Series

Power Storage Series

Networking Series