

Durable Series

DS-I-RM series is online double-conversion UPS with fully DSP control technology. Rack design, self-adjust output frequency, smart battery management system and network management make it a perfect choice for computers, IT service room equipment and other sensitive devices

DS-I(L)-RM 6K-10K

Features

- Wide range of input voltage and PF>99%
- Output PF of 0.9 · more powerful load capability
- Full protection of overvoltage, circuit short and over temperature
- Network/fax/modemsurge protection
- LCD/LED display, monitoring all the operation status
- 19 inch standard cabinet and battery cabinet
- Auto fan speed adjust
- Multiple interface : RS232,USB, SNMP, Intelligent Card



Specifications

Model Name	DS6000I-RM	DS6000IL-RM	DS10000I-RM	DS10000IL-RM
Topology	True On-Line, Double Conversion / High Frequency			
Output Waveform	Pure Sine Wave			
Maximum Capacity	6000VA / 5400W	6000VA / 5400W	10000VA / 9000W	10000VA / 9000W
INPUT				
Nominal Input Voltage	220/230/240Vac			
Input Voltage Range	176 ~ 300Vac 1P2W+G			
Input Power Factor	≥0.99			
Input Frequency Range	40Hz - 70Hz			
OUTPUT				
Nominal Voltage	220/230/240Vac			
Voltage Regulation	± 1 %			
Voltage Distortion	≤1% THD, linear load, ≤ 5% THD, non-linear load			
Synchronization Range	Settable, ±3Hz default			
Battery Mode	(50±0.05) Hz			
Efficiency	Line mode with battery full charged 92%, ECO mode 99%, Battery mode 91%.			
Overload Capability (Line Mode)	110%: Transfer to bypass after 10 mins, 130%: Transfer to bypass after 1 min, 150%: Transfer to bypass after 30s, shutdown after 1 min.			
Overload Capability (Battery Mode)	<110%: Shutdown after 10mins, >115%:Shutdown after 10s.			
Crest Ratio	3 : 1			
BATTERY				
Rating/Type	12V7Ah	None	12V9Ah	None
Quantity	16pcs		16pcs	
DC Voltage	192VDC			
Back-up Time 80% Load	4mins	Depend on the capacity of external batteries	3.5mins	Depend on the capacity of external batteries
Battery-Low Voltage	(176±3)VDC			
CHARGER				
Charging Voltage	(220±3)VDC			
Charging Current (Max)	1A	5A	1A	5A
Charging Time	4mins @80% load	Depend on the capacity of external batteries	3.5mins @80% load	Depend on the capacity of external batteries
INDICATOR & ALARM				
Display	LED + LCD			
Alarm	Sounding once per second			
Fault	Continuous beeping			
INTERFACE				
Standard	RS232 & USB			
Optional	SNMP Card & Dry Contact			
PHYSICAL				
Dimension (W×H×L)	438×218×680mm	438×130×680mm	438×218×680mm	438×130×680mm
Net Weight	62kg	18.5kg	70.5kg	21kg
ENVIRONMENTAL				
Operating Temperature	0-40°C, no derating			
Storage Temperature	0-70°C			
Relative Humidity	0-95% non-condensing			
Operating Elevation	Up to 1000m (3281 ft) without derating			

Specifications are subject to change without notice.