

TECHNICAL SPECIFICATIONS

Model	UPS600M	UPS800M	UPS1200M	UPS1600M
Power Rating	600VA	800VA	1.2KVA	1.6KVA
Battery Voltage	12V	24V	24V	24V
Backup Time	Depending on battery capacities and the power consumption of various loads			
Configuration	<i>Hybrid system (on-line performance)</i>			
Transfer Time	No significant (~Zero) transfer time (with intelligent detection for power failure)			
Input Voltage	175Vac ~ 275Vac (or 230Vac \pm 18%), 50Hz			
Output Voltage	230Vac \pm 3%, 50Hz sinewave operation			
Output Power Factor	0.6			
Inverter Efficiency	> 88 % at full-load			
Input Connection	Power cord 1.5 metres			
Battery Connection	Red/ Black battery cables 1.5 metres			
Outlet Connection	Dual 13A switch power socket outlet			
Protection	Built-in Automatic Voltage Regulator (AVR) Surge Energy Rating: 480J @10/1000us Surge Current Rating: 2-pole or 3-pole 10KA @ 8/20us, 20KA @ 1.2/50us EMI/RFI noise suppression, 100KHz to 10Mhz Electronic Fuse Overload Latching Shutdown, Overcurrent and Shortcircuit Protection Automatic switch over to Inverter Mode when AC Mains over/under voltage			
Built-in Charger	12V or 24V, 8 ~ 20A Dual Mode Auto Fast Charging for external battery			
Battery Type	Lead acid battery (not included)			
Battery Rating	Maximum up to 12V- or 24V-200AH			
Battery Recharge Time	Typically 6 ~ 8 hours to 90% fully charged depending on the built-in charger capacity			
Alarms	Intermittent audible alarm on Inverter Mode; Frequency increase as battery runs down			
DB9 Port (optional)	Smart interface Port for DOS/Win, 95/98/XP, NT/2000/Server/Pro, Novell, Unix applications			
Ambient & Humidity	Maximum 45 °C ambient temperature, 90% non-condensing			
Weight (Approx.)	10 ~ 16KG (without batteries)			
Dimensions WxHxD	170x110x425 / 110x170x400 / 190x160x390 mm ³			
Applications	for Pentiums, Power Macs, CAD/CAM Workstation, Minicomputers, Servers, Telecom Equipment, Facsimile Machine, Audio/Video, PA systems, etc.			

MicroMate[®]

Marathon Series

Uninterruptible Power Supply

*with Electronic Fuse for Inverter Output
Short-Circuit Protection*



* Due to the policy of continued product improvement, specifications are subject to change without notice.

* Backup Time is for reference only. This may vary depending on battery condition, charging condition, temperature and type of load.



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