

UPS Battery Backup Datasheet

Product Information
Product Data



UPS Battery Backup

100VA - 300VA UPS Battery Backup

Ensuring Effective High Quality Protection For ALL Automation

- Pure sine wave output.
- High efficiency.
- Sleep mode for extended standby times of DAYS not hours.
- Over 15% more power than similar units.
- Reduced size & weight by nearly 50%.
- Wide input voltage range.
- LCD display with clear, real, easy to read text.
- USB connectivity (lead & software optional).
- Plug & play connections.
- Remote on / off via RJ11 connector
- Standard IEC mains connector.
- Overload, battery discharge and overcharge protection.
- Fully CE & RoHS compliant



Product Information

The Marantec UK UPS includes AVR (Automatic Voltage Regulation) as standard, which enables the UPS to regulate a precise output voltage without switching to battery power, even if the input voltage fluctuates by as much as 30% from normal. As a result, this wide input voltage feature extends battery life ensuring the batteries are in prime condition and fully charged to offer maximum runtime should the mains power completely fail.

By utilising the more efficient pure sine wave technology and not the inferior Pseudo-sine wave we have achieved a more compact and powerful unit than the competition. For example:-

Typical UPS	1000VA pseudo-sine wave	-	600 Watts
Marantec UK	1000VA pure sine wave	-	700 Watts +15% more power

Pure sine wave technology simulates the normal mains supply resulting in a smooth motor operation, unlike pseudo-sine that will reduce the motor lifting capacity and can result in noisy or even damaged equipment.

UPS Model	Suitable for Motor Upto:
UPS-1000VA	Eurodrive 120
UPS-1500VA	Eurodrive 150
UPS-2000VA	Eurodrive 230
UPS-3000VA	Eurodrive 500

Please Contact Our Sales Department On 01928 579050 For Further Information

Models	UPS-1000VA	UPS-1500VA	UPS-2000VA	UPS-3000VA
Power (VA) Max	1000	1500	2000	3000
Power (Watts)	700	1050	1400	2700
Input				
Input Voltage	220/230/240 VAC			
Input Voltage Window	162-290 VAC			110-300VAC
Input Frequency	50/60Hz (Auto Sensing)			50/60Hz (+/- 10%)
Output				
Voltage Regulation	+/- 10% (Battery Mode)			+/- 1%
Frequency Regulation	+/- 1Hz (Battery Mode)			
Transfer Time Typical	Typical 2-6mS; 10mS Max			0mS
Waveform	Pure Sine wave (Battery Mode)			
Protection				
Full Protection	Overload, Battery discharge and Overcharge Protection			
Display				
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault & Battery Low			
Features				
	Off-Mode Charging, AVR, Auto-restart, Cold Start, USB, LCD Display			
Battery				
Type & Number	12V 7.2ah x 2	12V 9ah x 2	12V 9.6ah x 2	12V 9.6ah x 6
Charging Time	6 hours recovery to 90%			
Mechanical				
Dimensions (WxDxH)*	146 x 350 x 160	146 x 397 x 205		190 x 330 x 393
Net Weight (KG)	9	13	14	23
Battery Protected Outputs	3	5		4x10A + 1x16A
Surge Protected Outputs	1			0
Environment				
Operating Temperature Range	0°C - 40°C			
Humidity	0-90% Relative Humidity (Non Condensing)			
Software				
Connection	USB Connectivity			
Operating System	Supports Windows 2008, Windows 7, Windows 8, Windows 10, Linux, Unix & MAC			