



MPOWER UPS



INFORMER SERIES

t. 01420 82031  
e. [sales@mpowerups.co.uk](mailto:sales@mpowerups.co.uk)  
w. [www.mpowerups.co.uk](http://www.mpowerups.co.uk)

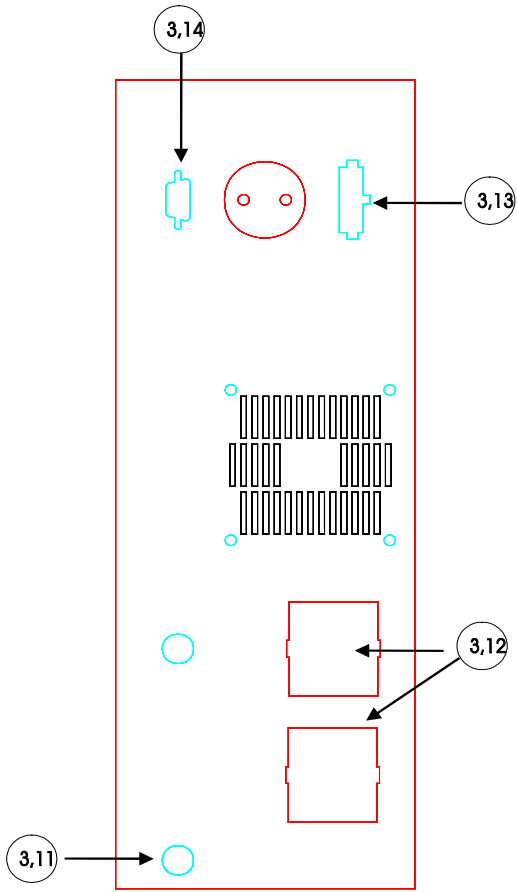
**10 years of uninterruptible power**

## Line Interactive Technology with Sinewave Output 1000VA/2000VA/3000VA (Tower & Rack Models)

- Pure sinewave output for any critical load
- High Battery Charging Capacity
- Extended back up time with additional battery pack
- Boost and buck Automatic Voltage Regulation
- Overload protection
- Short circuit protection
- Compact, lightweight and quiet
- Discharge protection
- Short recharge time
- Fault alarms and State Warnings
- Communication Port and Remote Monitoring Software



This is a line interactive UPS incorporating the newest technology and powerful functions. The AVR function enables operation within a wide input voltage range, from 75% to 125%, including on line voltage boost-up/ buck down. It is the ideal protection for critical loads. Battery run time can be extended by adding external battery packs. All ratings have 4 IEC outlets as standard.



## Back Panel

- 3.11 INPUT CABLE
- 3.12 OUTPUT SOCKET
- 3.13 BATTERY SOCKET
- 3.14 RS232

## Specification

MODEL	INF1000			INF2000			INF3000	
Capacity (VA)	1000			2000			3000	
<b>INPUT</b>								
Voltage	220V / 230V ± 25%							
Frequency	50 or 60Hz ± 5%							
<b>OUTPUT</b>								
Power Factor	0.6							
Voltage (On battery)	220V / 230V ± 5%							
Wave Form	Pure Sinewave							
Frequency (On battery)	50 or 60 Hz ± 0.5%							
Voltage Regulation (AVR)	AVR automatically increases output voltage 15% above input voltage if -9% to 25% of nominal. AVR decreases output voltage 13% below input voltage if +9% to +25% of nominal							
Transfer Time	2/4 ms.							
Overload	Automatic shutdown if load exceeds 110% of nominal at 20 sec. and 125% at 2 sec.							
Outlets	4pcs IEC C13							
<b>INTERNAL BATTERY</b>								
Type	Maintenance-free lead acid batteries							
Recharge Time (Hours)	4	5	6	4	5	4	5	
Voltage	24 VDC			48 VDC			48 VDC	
Quantity	2x12V 7Ah	2x12V 9Ah	2x12V 12Ah	4x12V 7Ah	4x12V 9Ah	4x12V 7Ah	4x12V 9Ah	
Back up Time on full load	4mins	7mins	10mins	4mins	7mins	3mins	5mins	
Protection	Automatic Self-Test & Discharge Protection, Replace Battery Indicator							
<b>DISPLAY</b>								
LED Display	Back up, Overload, replace battery indicators							
<b>ALARMS</b>								
	Line Failure, Battery Low, Overload and Fault							
<b>PROTECTION</b>								
	Spike Protection (320 joule, 2 ms), Overload Protection, Short Circuit Protection							
<b>COMMUNICATION</b>								
Interface (Communication Ports)	RS 232 Standard							
Software	Standard							
<b>ENVIRONMENT</b>								
Operating Temperature	0-40 °C							
Humidity	0 to 90% non-condensing							
Audible Noise at 1m	< 40 dBA						< 45 dBA	
Protection Class	IP20							
<b>PHYSICAL SPECIFICATIONS</b>								
Tower Type								
Net Weight (kg)	19	20.5	22	28	30	32	34	
Dimensions (mm) WxDxH	135 x 430 x 390					135 x 470 x 390		
19" Rack Mount Type								
Dimensions (mm) WxDxH	483 x 450 x 132					483 x 512 x 132		
<b>STANDARDS</b>								
Standards	EN 62040-1-1 (Safety), EN 62040-2 (EMC)							