

# MINNON M-1000

## 1000 VA

### Features

- Compact Dimension and Lightweight
- Cost-Effective UPS without compromising performance or reliability
- Excellent Microprocessor Control Guarantees High Reliability
- Built in Boost and Buck Automatic Voltage Regulation (AVR) where adjusts the UPS output in response to main power fluctuations
- Ability to switch on the UPS without main power supply (Cold Start Function)
- Off-mode Charging
- Auto Restart While AC is Recovering
- Overload, Discharge and Overcharge Protection
- User Replaceable Batteries
- Ideal Protection for home offices, profesional kiosks, and securities include PC and peripherals, routers, switches, ATMs and phone systems etc.



**LINE INTERACTIVE UPS**  
- Single Phase

### Minnon M-1000 Rear Panel

1. AC Input
2. (3) BS 1363A



Minnon M-1000



**CE RoHS**

# MINNON M-1000

## Technical Specification

MODEL		MINNON M-1000
Capacity		1000VA / 600W
Phase		Single Phase, 2 Wires + Earth
<b>INPUT</b>		
Nominal Voltage		220VAC - 240 VAC
Voltage Range		162VAC - 290 VAC
Frequency Range		50Hz / 60Hz (Auto Sensing)
Input Connections		Fixed Power Cord with BS 1363A Plug
<b>OUTPUT</b>		
Output Voltage		220VAC - 240VAC
Crest Ratio		1.18
Buck Ratio		0.85
AC Voltage Regulation (Battery Mode)		± 10%
Frequency Range (Battery Mode)		50Hz / 60Hz ± 1%
Output Connections		(3) BS 1363A
<b>TOPOLOGY</b>		
Transfer Time		Typical 4 ms
Waveform (Battery Mode)		Simulated Sinewave
<b>SYSTEM</b>		
Display		LED
Audible Alarm	Battery Mode	Beeping every 30 seconds
	Low Battery	Beeping every 2 seconds
	Overload Mode	Beeping every 0.5 seconds
	Fault Mode	Continuous Beeping
<b>PROTECTION</b>		
Full Protection		Overload, Short Circuit, Discharge and Overcharge Protection
<b>BATTERIES</b>		
Battery Capacity		12V 9AH
Autonomy		Min 15 Minutes or Depending on the Equipment Loads
Typical Recharge Time		8 Hours to 90% Capacity
<b>STANDARDS / APPROVALS</b>		
Compliances		CE, RoHS
IP Rating		IP 20
<b>ENVIRONMENT</b>		
Operating Temperature		0°C - 40°C
Relative Humidity		0% - 90% (non condensing)
Acoustic Level at 1m		≤ 40dB
<b>PHYSICAL PROPERTIES</b>		
Dimensions (W x D x H) mm		96 x 286 x 138
Net Weight (kg)		6.5
<b>WARRANTY &amp; SUPPORT</b>		
Product Warranty		3 Years Full Warranty For Parts and Labour. 2 Years For Batteries.

- Changes to the specification contained in this document, and to prices are reserved; so are errors and omissions. Only order confirmations and technical documentation by KOSS UPS is binding.
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CE RoHS

LINE INTERACTIVE UPS  
- Single Phase



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