

## MM PORTABLE SERIES

**Line Interactive Pure Sine Wave Technology**

**500VA to 1000VA**

- Line Interactive Design.
- Wide Input Voltage Range
- AVR Automatic Voltage Regulation
- High Reliability With CPU Control
- Cold Start
- Overload And Short Circuit Protection
- LCD Front Panel
- Pure Sine Wave Output Voltage
- Longer Back-up Time With the Additional Battery Pack



### MM Portable Series Technical Specifications

MODEL	MM-500	MM-1000
CAPACITY	500VA/300W	1000VA/600W
INPUT		
Nominal Voltage	220VAC/230VAC/240VAC	
Voltage Range	145-275VAC	
Frequency	50/60 Hz (Auto sensing)	
OUTPUT		
Voltage	220VAC/230VAC/240VAC	
Voltage Range	±5%	
Frequency Range (Battery Mode)	50 Hz or 60 Hz ±1 Hz	
Transfer Time	5ms	
Waveform	Pure Sinewave	
BATTERY		
DC Voltage	12VDC	24VDC
Charging Time	8 hours to 90% capacity after full discharge	
Back Up Time	External Battery Design	
INDICATORS		
LCD Panel	Input, Output, Load, Battery, Frequency	
PROTECTIONS		
Full Protection	Over and low voltage protection, overload, discharge, and overcharge protection	
ALARMS		
Battery Mode	Sounding every 10 seconds	
Low Battery	Sounding every second	
Overload	Sounding every 0.5 second	
PHYSICAL		
Dimensions	305*121*207	
Packing Dimensions	440*407* 282(two pieces)	
Weight kg	7	9

