

## MC1000VA-Basic

Power Range: 1000VA

### Micropower Series



This UPS is specially designed for Personal Computer with multi-functions. Its light weight, compact design perfect fits to the limited working environment. The line of UPS is equipped with one boost and one buck AVR stabilize input voltage range. It is also built-in with DC start function. This function enables the UPS to be started up without AC power supply. Although it's a small UPS, the main features of UPS are listed below:

### Features

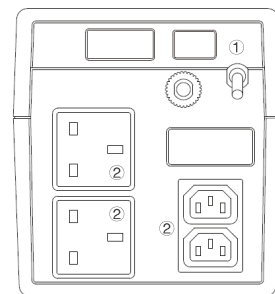
- Line Interactive UPS with simulated sinewave output
- Excellent micropower control guarantee high reliability (Internal self-diagnostic technology)
- Boost and buck AVR for voltage stabilization (one boost and one buck control)
- Auto restart while AC is recovering
- Cold start function
- Off-mode charging
- Fast intelligent battery recharge function
- Offering Generator compatible
- Optional USB/RS232 communication port and RJ11/RJ45 protection



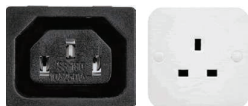
2 kinds of color LCD display

LED Display

1. AC Input
2. Output socket



Rear panel



Optional sockets

## Technical Specifications

Model	MC1000VA-Basic
Capacity	1000VA
<b>Input</b>	
Nominal input voltage	110/120 Vac or 220/230/240 Vac
Operating voltage range	81~145Vac / 162~290Vac
Operating Frequency range	50/60Hz Auto-Sensing
<b>Output</b>	
AC voltage regulation (Batt. mode)	±10%
Frequency range (Batt. mode)	60/50Hz ± Hz
Transfer time	Typical 2-6ms, 10ms Max.
Waveform (Batt. mode)	Simulated Sinewave
<b>Battery</b>	
Battery voltage	24Vdc
Battery type & number	12V/7AH x2
Typical recharge time	6~8 hours recover to 90% capacity
<b>Indicators</b>	
LED Display (LED version)	AC mode, Battery mode, Overload, Fault
Battery mode	AC mode, Battery mode, Load level, Input/Output voltage, Overload, Fault, Battery low
<b>Protection</b>	
Full protection	Short circuit, Overload, Overcharge and overdischarge protection
<b>Alarm</b>	
Battery mode	Sounding every 10 seconds
Low battery	Sounding every second
Overload	Sounding every 0.5 second
Battery replacement alarm	Sounding every 2 seconds
Fault	Countinously sounding
<b>Management</b>	
Communication port	USB or RS232(Support Windows, Linux, Unix and MAC)
<b>Operating Environment</b>	
Humidity	0~90% RH @ 0~40°C (non-condensing)
Noise level	Less than 45dB
<b>Physical</b>	
Dimension W x D×H (mm)	353*149*162
Net weight (kg)	Approx. 7.8
<b>Standards</b>	
Safety	IEC/EN62040-1,IEC/EN60950-1
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8
Performance	IEC/EN62040-3

Specifications are subject to change without prior notice.  
When output voltage is 208Vac,need to derate to 80% of the unit capacity.