



# MICROPOWER SERIES

400 ~ 2000VA



## Features

- AVR boost and buck
- Cold start function
- Smart RS232/USB interface for power management
- Built-in Self-diagnostic function
- Modem/LAN internet protection
- Compatible with generator set ( optional )
- LCD or LED panel for option
- Fastest charging capacity
- Auto charging at off mode
- Auto-restart function

LCD or LED panel for option



Two kinds of color LCD display



LED display

1. AC input
2. Output socket
3. USB & RJ11 communication
4. USB & RS232 communication
5. RJ45



Optional socket



Rear Panel

## Technical Specifications:

MODEL	Micro 400	Micro 600	Micro 800	Micro 1000	Micro 1200	Micro 1500	Micro 2000
Capacity (VA/Watts)	400 / 240	600 / 360	800 / 480	1000 / 600	1200 / 720	1500 / 900	2000 / 1200
<b>INPUT</b>							
Nominal input voltage	110/120 Vac or 220/230/240 Vac						
Operating voltage range	81 ~ 145 Vac / 162 ~ 290 Vac						
Operating frequency range	50/60 Hz (± 10%)						
<b>OUTPUT</b>							
Output voltage range (Batt. Mode)	Simulated sine wave at nominal voltage ± 10%						
Frequency range (Batt. Mode)	50 or 60Hz ± 1Hz						
Transfer time	Typical 2~6 ms, 10ms max.						
<b>BATTERY</b>							
Battery type & number	12 V/4.5Ah x 1	12 V/7Ah x 1	12 V/9Ah x 1	12V/7Ah x 2	12 V/7Ah x 2	12 V/9Ah x 2	12 V/9Ah x 2
Typical recharge time	6~8 hours (to 90% of full capacity)						
<b>SYSTEM FEATURES</b>							
Indicators	AC Mode (Green LED lighting)				The 5th Green LED lighting (The 1st to 4th green LED lighting to indicate load level) LED1 (green): >100% load level LED2 (green): >75% load level LED3 (green): >50% load level LED4 (green): >25% load level		
	Battery Mode (Amber LED flashing)				The 5st green blinking (The 1st to 4th green LED lighting to indicate battery capacity) LED1 (green): battery voltage > 25V LED2 (green): battery voltage > 23V LED3 (green): battery voltage > 22V LED4 (green): battery voltage > 21V		
	Fault (Red LED lighting)						
Protection	Overload and overcharge protection						
Alarm	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: Continuously sounding						
Communication interface	USB/RS-232 (optional), Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC						
<b>ENVIRONMENTAL</b>							
Operating temperature	0 ~ 40 °C						
Humidity range	0 ~ 95% (non-condensing)						
Noise level	<40dB (1 meter from surface)						
<b>PHYSICAL</b>							
Dimension D × W × H (mm)	298 × 101 × 142			338 × 149.3 × 162		380 × 158 × 198	
Net weight (kg)	3.55	4.25	4.9	7.8	8	11.1	11.5
<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						

Specifications are subject to change without prior notice.