

# 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



Optional socket

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



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)<br>LED1 (green): >100% load level<br>LED2 (green): >75% load level<br>LED3 (green): >50% load level<br>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)<br>LED1 (green): battery voltage > 25V<br>LED2 (green): battery voltage > 23V<br>LED3 (green): battery voltage > 22V<br>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<br>Battery replacement alarm: Sounding every 2 seconds<br>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)              | 298x101x142  |              |              | 338x149.3x162 |   | 380x158x198  |              |
| 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.

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