



The Micropower series, featured with smart microprocessor control design, AVR boost and Buck, Smart RS232/USB interface and cold start function, is a cost-effective solution to your mission-critical PC and valuable peripherals.

## Features

- **AVR Boost and Buck**  
Automatically corrects either under-voltage or over-voltage condition without unnecessary battery drain and extend the life of the battery.
- **Cold Start Function**  
Aids users to turn on the UPS without connecting the Utility.
- **Smart RS232/USB Interface for Power Management**  
Supports real-time power and UPS status monitoring. Automatic shutdown, schedule and many other advance power management functions. The RS232 & USB ports of 1.2KVA up can be enabled simultaneously.
- **Built-in Self-diagnostic Function**  
May execute automatically upon power-on or software-control.
- **Modem/LAN Internet Protection**  
Protects the Modem/LAN against spike or surge coming through network or telephone wires.
- **Compatible with Generator Set**  
Micropower series supports wide range input voltage to fit with various generator sets.
- **Models with LCD Display are Available Now**  
With comprehensive graphic display, it provides easy read-out status of the UPS from the screen, such as input voltage, output voltage, load level, battery level...etc..
- **Fastest Charging Capacity**  
With built-in powerful charger, the UPS can be fully charged back to 90% in 6-8 hours.
- **Auto Charging at Off Mode**  
The battery may be charged continuously even though it is at OFF mode.
- **Auto-restart Function**  
The UPS will be automatically re-started when Utility recovers.

# Micropower Line-interactive UPS Series

## Micropower Line-interactive UPS

Model	Micro 400	Micro 600	Micro 800	Micro 1000	Micro 1200	Micro 1500	Micro 2000
Capacity	400VA / 240W	600VA / 360W	800VA / 480W	1000VA / 600W	1200VA / 720W	1500VA / 900W	2000VA / 1200W
<b>Input</b>							
Voltage	110/120 VAC or 220/230/240 VAC						
Voltage Range	81-145 VAC / 162-290 VAC						
Frequency Range	60/50 Hz (auto sensing)						
<b>Output</b>							
AC Voltage Regulation (Batt. Mode)	±10%						
Frequency Range (Batt. Mode)	60 Hz or 50 Hz ±1 Hz						
Transfer Time	Typical 2-6 ms, 10ms max.						
Waveform (Batt. Mode)	Simulated Sine Wave						
<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 recover to 90% capacity						
<b>Indicators</b>							
AC Mode	Green LED lighting						
Battery Mode	Amber LED flashing					Green LED flashing	
Fault	Red LED lighting						
<b>Protection</b>							
Full Protection	Overload and overcharge 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	Continuously sounding						
<b>Physical</b>							
Dimension (WxHxD)mm	101x142x298			149.3x162x338		158x198x380	
Net Weight (kg)	3.55	4.25	4.7	7.8	8	10.1	10.5
<b>Operating Environment</b>							
Humidity	0-90 % RH @ 0- 40°C (non-condensing)						
Noise Level	Less than 40dB						
<b>Management</b>							
Optional USB/RS-232 Port	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC						



Specifications subject to change without prior notice.

# KSTAR



**Kstar New Energy Co., Ltd.** Unit B, 4F, No. 69, Bei Xin Rd. Sec. 1, Xindian Dist., New Taipei City, Taiwan 23147  
**TEL** +886-2-8911-6601 **FAX** +886-2-8911-6586 [www.kstarnewenergy.com](http://www.kstarnewenergy.com) [sales@kstarnewenergy.com](mailto:sales@kstarnewenergy.com)