HIGH ENERGY

MICROPOWER
Line-interactive
UPS SERIES
600-2000VA

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.

* 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
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.

Technical Specifications:

MODEL	MICRO600	MICRO800	MICRO1200	MICRO1500	MICRO2000
Capacity (VA/Watts)	600 / 360	800/480	1200/720	1500/900	2000/1200
INPUT					
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%)				
OUTPUT					
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.				
BATTERY					
Battery type & number	12V/7Ahx1	12V/9Ahx 1	12V/7Ahx2	12V/9Ahx2	12V/9Ahx2
Typical recharge time	6-8 hours (to 90% of full capacity)				
SYSTEM FEATURES					
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%loadlevel LED2 (green): >75%loadlevel LED3 (green): >50%loadlevel LED4 (green): >25%loadlevel				
Indicators — 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				
ENVIRONMENTAL					
Operating temperature	0 -40 °C				
Humidity range	0~95%(non-condensing)				
Noise level	<40dB (1 meter from surface)				
PHYSICAL					
Dimension DxWxH (mm)	298x101x142		338x149.3x162	380x158x198	
Net weight (kg)	4.25	4.9	8	11.1	11.5
STANDARDS					
Safety	EC/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