Micropower Series

HIGH ENERGY

General Introduction

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 to 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

Two Kinds of Color LCD Display/ LED Display

Features

◆ Line Interactive UPS with simulated sinewave output

◆ Excellent microprocessor control guarantees 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 LED and LCD panels for selections

◆ Optional Generator compatible

◆ Optional USB/RS232 communication port and RJ11/RJ45 protection

Optional Socket

Rear Panel

① AC Input; ② Output Socket; ③ USB & RJ11 Communication
④ USB & RS232 Communication; ⑤ RJ45

Technical Specifications

MODEL	Micropower 400	Micropower 600	Micropower 800	Micropower 1000	Micropower 1200	Micropower 1500	Micropower 2000	Micropower 2400	Micropower 3000
Capacity (VA/W)	400/240	600/360	800/480	1000/600	1200/720	1500/900	2000/1200	2400/1440	3000/1800
INPUT									
Nominal Voltage (Vac)	110/120 or 220/230/240							220/230/240	
Operating Voltage Range (Vac)	81~145/162~290							162~290	
Operating Frequency Range (Hz)	60/50 (Auto sensing)								
OUTPUT									
AC Voltage Regulation (Batt. Mode)	±10%								
Frequency Range (Batt. Mode) (Hz)	60/50 ±1								
Transfer Time (ms)	Typical 2-6, 10 Max.								
Waveform (Batt. Mode)	Simulated Sinewave								
BATTERY									
Battery Voltage (Vdc)	12			24				48	
Battery Capacity (Ah)& Number (pcs)	4.5×1	7×1	9×1	7×2	7×2	9×2	9×2	7x4	9x4
Typical Recharge Time (hours)	4~6 recover to 90% capacity			6~8 recover to 90% capacity					
MANAGEMENT									
LED Display	AC Mode, Battery Mode, Overload, Fault								
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low								
Alarm	Battery mode, Battery low, overload, Battery replacement, Fault								
Communication Port	USB or RS232 (Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC)								
PROTECTION									
Full Protection	Short circuit, Overload , Overcharge and overdischarge protection								
ENVIRONMENTAL									
Humidity	0~90%RH @ 0~40℃ (Non condensing)								
Noise Level (dB)	<45			<55					
PHYSICAL									
Dimension WxDxH (mm)	298×101×142			353×149×162		380×158×198		436×145×212	
Weight (kg)	3.8	4.3	4.9	7.8	8.4	10.1	10.5	20	23
STANDARDS									
Safety	IEC/EN 62040-1; IEC/EN 60950-1								
EMC	IEC/EN 62040-2; IEC 61000-4-2; IEC 61000-4-3; IEC 61000-4-4; IEC 61000-4-5; IEC 61000-4-6; IEC 61000-4-8								
Performance	IEC/EN 62040-3								

1. Specifications are subject to change without prior notice
2. Data above are typical values for reference only, not as a basis for engineering design