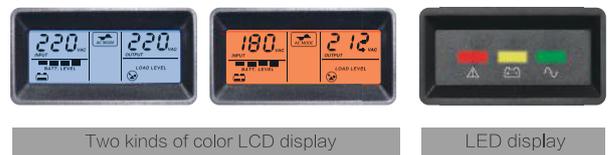# EPS Line Interactive UPS

Emergency Power Systems

600 / 1000 / 2000 / 3000 VA

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 stablilize 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 featuers of UPS are listed below:

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 USB/RS232 communication port andRJ11 /RJ45 protection

Two kinds of color LCD display   LED display

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

Technical Specifications

Model	EPS 600va	EPS 1000va	EPS 2000va	EPS 3000va
Capacity(VM\latts)	600VA / 360W	1000VA / 600W	2000VA / 1200W	3000VA / 1800W
INPUT				
Nominal Input Voltage	110/120 Vac or 220/230/240 Vac			220/230/240 Vac
Operating Voltage Range	81-145 Vaci 162-290Vac			162-290Vac
Operating Frequency Range	60/50Hz (autosensing)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	±10%			
Frequency Range (Batt. Mode)	60/50Hz ± 1 Hz			
Transfer Time	Typical 2-6ms, 10ms Max.			
Waveform (Ball Mode)	Simulated Sinewave			
BATTERY				
Battery Voltage	12Vdc	24Vdc		48Vdc
Battery Type & Number Typical Recharge	12V/7Ah x1	12V/7Ah x2	12V/9Ah x2	12V/9Ah x4
Typical Recharge Time	6 hours recover to 90% capac	6-8 hours recover to 90% capacity		
INDICATORS				
LED Display(LED version)	AC Mode, Battery Mada, Overload, Fault			NA
LCD Display(LCD version)	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low			
PROTECTION				
Full Protection	Short circuit, Overload ,Overcharge and overdischarge protection			
ALARM				
Battery mode	Sounding every 10 seconds			
Low Battery	Sounding every second			
Ovenoad	Solxiding every 0.5 sacond			
Battery Replacement Alanm	Sounding every 2 seconds			
Fault	Continuously sounding			
MANAGEMENT				
Comnucation port	USB or RS232 (Supports Windows® 2000/2003/XPNtsta/2008, Windows® 7, Linux, Unix, and MAC)			
OPERATING ENVIRONMENT				
Humidity	0-90 % RH @ 0- 40" C (non-condensing)			
Noise Level	Less than 45dB		Less than 55dB	
PHYSICAL				
Approx. Dimension	298*101*142	353*149*162	380*158*198	433*144*207
Approx. Weight	Approx. 4.3	Approx. 8.4	Approx. 10.1	Approx. 23
Safety	IEC/EN62040-1;IEC/EN60950-1			
EMC	IEC/EN62040-2;1EC61000-4-2;1EC61000-4-3;1EC61000-4-4;1EC61000-4-5;1EC61000-4-6;1EC61000-4-8			
Performance	IEC/EN62040-3			

Line Interactive UPS