

IP Series UPS

650VA ~ 3KVA

Pure Sine Wave, Line-Interactive UPS

Features & Benefits

User-friendly Graphic LCD Display or LED Display

Load/ Battery Level Indication, and more than 20 Visual Alarms or Values available if choose Graphic LCD Display.

Microprocessor Based Design

Intelligent microprocessor control maximizes a highly reliable and easy-to-use emergency battery backup power.

Wide Input Voltage Range (Optional)

Up to +/- 35% of rated voltage allows the UPS to operate with weak or unstable power sources.

More Accurate Output Voltage Regulation (Optional)

Up to 5% with state-of-the-art AVR adjustment.

Boost and Buck Design

Automatic Voltage Regulation Technology (AVR) corrects under-voltages and over-voltages without draining the battery and can handle even the deepest brownouts.

Intelligent Battery Management

Self-testing and monitoring of the battery voltage level, remaining backup time and capability to indicate if battery fails or requires replacement.

Well Protections

Against overload, short circuit, over-temperature, surge and spike protection for RJ11(standard) / RJ45(optional) data line connection.

File Saving, Auto-Shutdown Software (Optional)

True RS232 or Contact Closure DB9 Power Management Software for Windows, Linux, SCO UNIX, DOS.

Cold Start

DC Power On.

Green Power Design

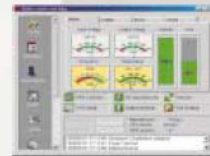
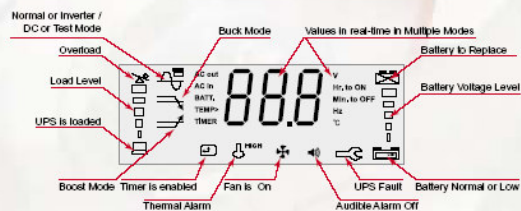
Energy saving to extend battery life.

LED Display available





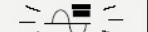
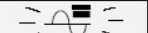
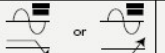




Applications

- Computers
- Network Servers
- Workstations
- Wireless Communications
- Other Electronic Peripherals



UPSilon

Specifications

Model Name	LED Display	IP650E	IP1000E	IP1500E	IP2000E	IP3000E
	LCD Display	IP650C	IP1000C	IP1500C	IP2000C	IP3000C
Input						
Maximum Capacity (VA / W)	650VA (390W)		1000VA (600W)	1500VA (900W)	2000VA (1200W)	3000VA (1800W)
Input Voltage Range	-25% @selected nominal output voltage					-35% @selected nominal output voltage
Input Frequency	50 Hz or 60 Hz (47-65 Hz Autotracking)					
Input Current (110V / 220V)	6.5A / 3.3A	8A / 5A	15A / 7.5A	20A / 10A	30A / 15A	
Output						
Nominal Output Voltage	Selectable 100/110/115/120 VAC or 200/220/230/240 VAC					
Output Voltage Regulation (for AVR)	-10%@ rated output voltage; - 5% (optional) ; - 3% for DC Mode					-8%@ rated output voltage; - 5% (optional)
Output Frequency	50 Hz / 60 Hz (Autotracking)					
On-Battery Output Waveform	Pure Sine Wave					
Output Current (110V / 220V)	6A / 3A	9.1A / 4.5A	13.6A / 6.8A	18.2A / 9.1A	27.2A / 13.6A	
Protection	Data Line Surge Protection - RJ11(standard); RJ45(optional)					
Transfer Time	3.5 ms typical					
Battery						
Battery Type	Sealed Lead-Acid, maintenance free					
Voltage/Capacity	12V 9Ah X 1pc	12V 7Ah X 2pcs	12V 7Ah X 3pcs	12V 7Ah X 4pcs	12V 7Ah X 6pcs	
Voltage Level Indication	YES	YES	YES	YES	YES	
Recharge Time To 90%	within 5 hrs			within 2 hrs		
Alarms & Status Indication	LCD (by symbol)	LED		Audible Alarm		
Normal Power		Green Light on		No beep		
Test Mode		Orange Flashing		Continuous beeping : 2 beeps per 4 seconds		
Abnormal Frequency of Power (> 65Hz or < 47Hz)		Orange Flashing (quick)		Continuous beeping :2 beeps per 4 seconds (Transfer to DC Mode)		
Abnormal Voltage of Power (> 126% or < 77%)		Orange Flashing (slow)		Continuous beeping :2 beeps per 4 seconds (Transfer to DC Mode)		
Abnormal Voltage of Power (110-126% or 77-90%)		Green Light on		No beep (AVR in operation)		
Battery Low Alarm		Orange Flashing		Continuous beeping : 4 beeps per second		
Battery Fail Alarm		Red Flashing		Continuous beeping : 8 beeps per second		
Overload Alarm		Red Flashing		Continuous beeping		
Thermal Alarm		Red Flashing		Continuous beeping : 32 beeps in 2 seconds and then silence in 2 seconds (repeatedly) until alarm gone		
Safety Approval	CE					
Remaining Backup Time	YES	YES	YES	YES	YES	
DC Start / Alarm Reset	YES	YES	YES	YES	YES	
Communication Interface	RS-232 (standard); USB Cable, DB9 (optional)					
Environmental						
Operation Temperature	0 - 37°C					
Relative Humidity	30-95% Non-Condensing					
Mechanical						
Dimensions (D X H X W)mm	380 x 200 x 180 mm	380 x 200 x 180 mm	450 x 200 x 180 mm	510 x 200 x 180 mm	510 x 200 x 180 mm	
Weight (N.W. / G.W.)kgs	11 / 12 kgs	15 / 16 kgs	21 / 22 kgs	25 / 26 kgs	36 / 37 kgs	
Shipping Dimensions (D X H X W)mm	480 x 330 x 300 mm	480 x 330 x 300 mm	540 x 330 x 300 mm	610 x 330 x 300 mm	610 x 330 x 300 mm	

* Specifications are subject to change without notice.



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