

SINGLE PHASE UPS SYSTEMS

Features

- Line Interactive Topology
- Sinewave Output
- Voltage Regulation
- Microprocessor Control
- Surge Suppression
- Rack Mount or Tower Models
- Multiple Rear Outlets
- Overload Protection
- LED Display
- Includes Software

600VA to 2500VA

For Ultrasound Systems

The CPE Single Phase UPS utilizes a line interactive design to ensure the maximum possible power protection. The CPE UPS effectively utilizes a cost effective topology power scheme thereby providing a clean stable sine wave to the critical load.

The UPS output power is closely regulated to compensate for any utility voltage anomalies. In addition, the UPS voltage is regulated during all load and line variations. In the event of a total power outage the UPS draws power from the batteries. Software is provided to interface the UPS with your computer.



EFFECTIVE POWER PROTECTION

- * *Protect your Equipment with a UPS*
- * *Increase the Reliability*
- * *Increase the Lifespan*
- * *Be Alerted to Power Problems*
- * *Save Data Files*
- * *Continue to Work*
- * *Reduce Power Related Service Costs*
- * *Tower or Rack Mount Models Available*

Capacity		600VA	800VA	1000VA	1250VA	1500VA	2000VA	2500VA	
Models	Tower	CPE-600LI	CPE-800LI	CPE-1000LI	CPE-1250LI	CPE-1500LI	CPE-2000LI	CPE-2500LI	
	Rack Mount	CPE-600LIRM	CPE-800LIRM	CPE-1000LIRM	CPE-1250LIRM	CPE-1500LIRM	CPE-2500LIRM	CPE-3500LIRM	
INPUT	Voltage / Range	100V, 110V, 120V, 220V, 230V, 240V			100V, 110V, 120V, 220V, 230V, 240V				
		Voltage Range	Voltage Range	Voltage Range	Voltage Range	Voltage Range	Voltage Range		
	+/- 25%	+/- 25%	+/- 25%	+/- 25%	+/- 25%	+/- 25%			
	Single Phase	Single Phase	Single Phase	Single Phase	Single Phase	Single Phase			
	Frequency	50 / 60 Hz +/- 5 Hz (Auto Sensing)							
OUTPUT	Voltage (on battery)	Pure Sine wave +/-5% of nominal after low battery							
	Frequency (on battery)	50 / 60 Hz +/-0.5%							
	Transfer Time	6-8 milliseconds (typical); including detection time							
	Overload Protection	110% for 20 seconds & 125% for 5 seconds							
	Efficiency (AC-AC)	> 95 %							
	UPS Design Technology	Fully digitized microprocessor controlled – Line Interactive							
	Output Wave Form	Sinewave							
	Voltage Regulation	AVR increases output voltage 15% above input voltage if -9% to -25% of nominal AVR decreases output voltage 15% below input voltage if +9% to +25% of nominal							
	PROTECTION AND FILTERING	Spike Protection	320 Joules, 2ms						
		EMI	10dB at 0.15MHz, 50dB at 30 MHz						
Short Circuit Protection		UPS output shuts off immediately or input fuse / circuit breaker protection							
SYSTEM DISPLAY / WARNING	Visual Display (LED model)	Battery capacity, Load Capacity, Overload, Back up, Replace Battery, buck AVR, Boost AVR, Line Normal, battery mode(yellow), bypass(yellow), fault(red)							
	Visual Display (LCD model)	Indicate Line, Bypass, Inverter, Backup, Fault, Battery Capacity, Load Capacity, I/P Frequency, O/P Voltage, Inside Temperature, Fault Status, load							
	Audible Alarm	Battery Backup – Slow Beeping; Low Battery – Fast beeping; Overload – Continuous Beeping							
	UPS Fault	Continuous beeping sound and LCD display							
	Communication	RS-232 Serial Port, Dry Contact and USB							
BATTERY	Type	Hot Swappable, Sealed, maintenance-free lead acid batteries							
	Battery Charger	Built in Fast in Charger	Built in Fast in Charger	Built in Fast in Charger	Built in Fast in Charger	Built in Fast in Charger	Built in Fast in Charger	Built in Fast in Charger	
	Typical Recharge Time	4 hours (to 90% capacity)							
	Management	Self-test, adjustable battery transfer points and alarm settings							
	Battery Protection	Cut off without draining any current when battery is low							
	Cold Start (DC start)	YES							
	Back Up Time (pc load)	~50 min	~50 min	~50 min	~50 min	~50 min	~50 min	~50 min	
PHYSICAL	Input Connection	NEMA 5-15 (120V) / IEC 320 (230V)					Hardwire		
	Receptacles	NEMA 5-15 (120V) / IEC 320 (230V)					IEC 320		
	Total Receptacles	4 (120V)			6 (120V)		6 (120V)		
	Tower Dimensions	5.5"W x 17"D x 8"H			6.7"W x 17"D x 9"H		6.7"W x 17"D x 9"H		
	Rack Dimension	19"W x 17"D x 3"H			19"W x 21"D x 3"H		19"W x 24"D x 3"H		
	Tower Weight	30 lbs	32 lbs	33 lbs	35 lbs	55 lbs	66 lbs		
	Rack Weight		40 lbs	45 lbs	51 lbs	57 lbs	62 lbs		
ENVIRONMENT	Operating Temperature	0 - 40C / 32 - 104F							
	Storage Temperature	-20 - 50C / -4 - 122F							
	Altitude	3,500 meters max							
	Audible Noise (1 meter from surface)	< 40 dBA							
	Relative Humidity	0 ~ 95% humidity, non-condensing							
ALARMS	Safety	UL, FCC, C-UL (CSA)							
	Safety	BSMI, CE, GS/TUV							
	Surge	Meets IEEE 587 standard							
	Protection Policy	Warranty policy may vary depends on region							

