

CPS600E-IN

Long Backup UPS

No More Need for the Worst-Case Scenario



Automatic Switch-over



Generator Compatible

AVR

Automatic Voltage Regulation



Quick Transfer Time



LCD Status Display



Noiseless

CyberPower Long Backup UPS Series utilizes state-of-art Microcontroller technology for the supply of lighting, generator, heater, refrigerator, motor, and other apparatus to provide resources during crisis or failure of regular systems.

Pure Sine Wave output with AVR feature is highly flexible to supply clean and continuous power to various types of loads under all kinds of environments. The LCD panel showcases comprehensive information including load level, battery level, voltage and other vital status with a push-of-a-button.

The competitive design has not only make it the best choice generators but is flexible enough to be adopted as UPS for computers and other sensitive equipment.

APPLICATIONS

- Electric Lighting
- Generator
- Heating System
- Refrigerator
- Motor
- Pump

SERIES FEATURES

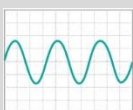
- Noiseless, Fuel and Maintenance Free
- Automatic Voltage Regulation (AVR)
- High Charging Current for Quick Recharging - Up to 5 times faster
- Generator Compatible Allows Longer Runtime
- Unlimited Battery Expansion Capability to Increase Runtime
- Guaranteed Power Continuity with Quick Transfer Time
- Brownout and Over Voltage Protection
- Multifunction LCD Readout
- Small & Light in Dimension

AUTOMATIC VOLTAGE REGULATION

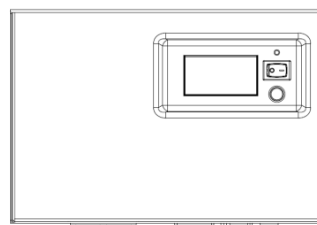


Automatic Voltage Regulation provides clean, consistent AC power by automatically regulating low voltages and over voltages within defined tolerances, when incoming utility power has minor fluctuations.

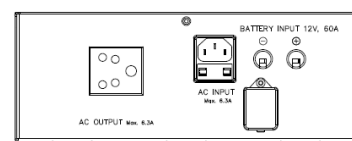
PURE SINE WAVE OUTPUT**



For applications which require the highest level of line clarity, CyberPower Long Backup UPS Series can provide pure sine wave output power, guaranteeing proper function of all devices with perfect power quality. Pure sine wave AC power is critical for electronic devices that have Power Factor Correction (PFC) Power Supplies, small AC motors, and other devices to function properly.



Front Panel



Bottom Panel

**CPS600/1000E: 0~40% load Pure Sine Wave; 40~100% load Simulated Sine Wave



TECHNICAL SPECIFICATIONS

Model	CPS600E
Configuration	
Capacity (VA / Watts)	600 / 420
Input	
Frequency Range	50/60Hz ± 5Hz (Auto-sensing)
DC Input Voltage	12V
Battery Pack Expansion	Yes
Output	
Number of Phase	Single Phase
UPS Outlets (Numbers)	(1) IN
On Battery Output Voltage	Pure Sine Wave** at 220/230 Vac ± 5%
On Battery Output Frequency	50/60 Hz ± 1%
Over Voltage Protection	Yes
Transfer Time (Typical)	< 10 ms
Overload Protection	On Utility: Fuse / On Battery: Internal Current Limiting
AVR	Single Boost & Single Buck
Charging Current	10Amps
Surge Protection and Filtering	
Lightning / Surge Protection	Yes
Physical	
Dimensions (W x H x D) (mm)	240 x 90 x 162
Weight (kg)	4.32
Status Indicators	
Indicators	Power On
Audible Alarms	On Battery, Low Battery, Overload, Overcharge, Overheat
Multi-function LCD Readout	Yes

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RUNTIME CHART

Battery	100Ah(12VX1)	
Model Name	Loading (watts)	Runtime in hours (hr)
CPS600E	25% (105w)	11.6
	50% (210w)	4.6
	75% (315w)	2.2
	100% (420w)	1.4

*Runtime may vary according to device usage, power settings and environmental conditions.

LOAD CHART

Appliance	Energy Saving Lamp	Standing Fan	32"LCD TV	Fridge/Freezer	Desktop PC	1.5HP Air Conditioner	Recommend EPS Models
Option 1	1	1	1	0	1	0	CPS600E
Option 2	2	1	0	1	1	0	CPS1000E
Option 3	4	2	1	1	1	0	CPS1500PIE
Option 4	6	3	2	1	3	0	CPS2500PIE
Option 5	8	3	2	2	3	0	CPS3500PIE
Option 6	10	4	2	2	2	1	CPS5200PIE
Option 7	15	4	3	2	2	1	CPS7500PIE

*Load may vary depending on the condition of the appliance.

