

Emergency Power Systems

CPS600E

EPS6ED0014EU-00

No More Need for the Worst-Case Scenario

CyberPower®
Reliability. Quality. Value.

CyberPower Inverter/ Emergency Power System (EPS) utilize 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 the adjustable AVR feature is highly flexible to supply continuous power to various types of loads under all kinds of environments. The large LCD panel showcases comprehensive information including load level, battery level, voltage and other vital equipment status with a push-of-a-button.

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



Applications

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

Series Features

- Noiseless, Fuel and Maintenance Free
- High Charging Current for Quick Recharging - Up to 5 times faster
- Bypass Mode Allows for Charge Only
- Generator Compatible Allows Longer Runtime
- UPS Function for Auto-Changeover
- Affordable DC Input Voltage- Minimum 12V battery required
- Automatic Voltage Regulator (AVR)
- Brownout and Over Voltage Protector
- Multifunction LCD Readout
- Small & Light in Dimension
- Reverse Polarity Warning

LCD Display

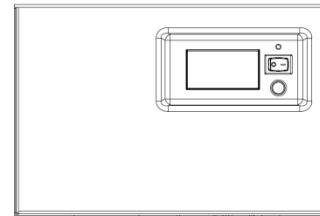
AVR

Compact Design

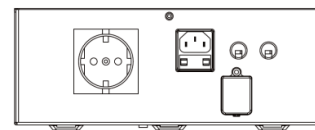
Wall-Mountable

Pure Sine Wave

Quick Charge



Front Panel



Bottom Panel



Emergency Power Systems

CPS600E



Technical Specification

Model	CPS600E
Configuration	
Capacity (VA / Watts)	600 / 420
Input	
Frequency Range	50/60Hz ± 5Hz (Auto-sensing)
DC Input Voltage	12V
Output	
Number of Phase	Single Phase
UPS Outlets (Numbers)	(1) Schuko or (1) FR
On Battery Output Voltage	Pure Sine Wave** at 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 162 x 90
Weight (kg)	4.1
Status Indicators	
Indicators	Power On
Audible Alarms	On Battery, Low Battery, Overload, Overcharge, Overheat
Multi-function LCD Readout	Yes

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**CPS600/1000E: 0~40% LOAD Pure Sine Wave; 40~100% LOAD Trapezoidal Wave

Load Runtime

Battery Model	100Ah/12V	
Model Name	Loading (R)	Runtime in hours (hr)
CPS600E 100Ah/12V X1	25%	7
	50%	3.5
	75%	1.5
	100%	1

Load Chart

Appliance	Energy Saving Lamp	Standing Fan	32"LCD TV	Fridge/Freezer	Desktop PC	1.5HP Air Conditioner	Recommend EPS Models
Option 1	2	2	1	0	1	0	CPS600E
Option 2	4	4	1	1	1	0	CPS1000E
Option 3	6	4	2	1	2	0	CPS1500PIE
Option 4	8	2	2	1	2	0	CPS3500PIE/CPS3500PRO
Option 5	10	1	2	2	2	1**	CPS5000PIE/CPS5000PRO
Option 6	15	2	3	2	2	1***	CPS7500PIE/CPS7500PRO

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

** 12,000 BTU *** 18,000 BTU

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Manufacturing
Facilities are
ISO 9001:2000,
ISO 14000, and
QC080000
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