CyberPower®

CPS1000E

Emergency Power Systems

No More Need for the Worst-Case Scenario

Automatic Switch-over

Pure Sine Wave Output

Quick Transfer Time

Generator Compatible

AVR Automatic Voltage Regulation

LCD LCD Status Display

CyberPower Emergency Power Systems 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 not only makes it the best generator choice, but flexible enough to be adopted as UPS for computers and other sensitive equipment.

APPLICATIONS

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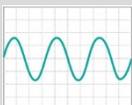- Generator
- Heating System
- Refrigerator
- Motor
- Pump

FEATURES

- Noiseless, Fuel and Maintenance Free
- High Charging Current – Recharging Up to 5 Times Faster
- Bypass Mode Allows for Charge Only
- Generator Compatible Allows Longer Runtime
- Unlimited Battery Expansion Capability to Increase Runtime
- Guaranteed Power Continuity with Quick Transfer Time
- Affordable DC Input Voltage- Minimum 12V Battery Required
- Reliable Power Quality With Automatic Voltage Regulator
- Brownout and Over Voltage Protection Support
- Small & Light in Dimension
- Reverse Polarity Warning

Pure Sine Wave Output

For applications which require the highest level of line clarity, Emergency Power Systems 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.

Automatic Voltage Regulation
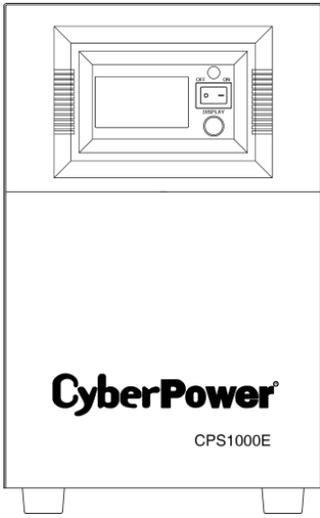
AVR AUTOMATIC VOLTAGE REGULATOR

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.

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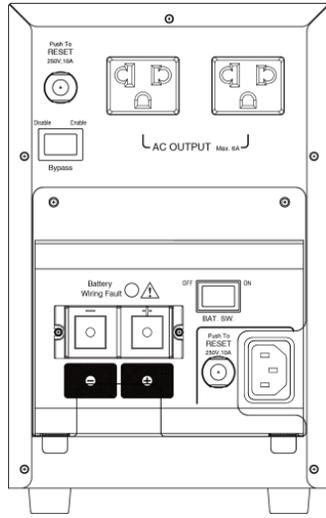## TECHNICAL SPECIFICATION

Model	CPS1000E
General	
Capacity (VA / Watts)	1000 / 700
Input	
Generator Compatibility	Yes
Nominal Input Voltage	220/230/240Vac
Input Voltage Range	140 ~ 300Vac
Input Frequency	50/60Hz ± 5Hz (Auto-sensing)
Input Connector Type	IEC C14
DC Input Voltage	12Vdc
Output	
Output Waveform	0%-40% Load, Pure Sine Wave, 40%-100% Load, Simulated Sine Wave
Output Voltage(s)	220/230/240Vac ± 5%
Output Voltage Setting	Configurable
Output Frequency	50/60Hz ± 1%
Automatic Voltage Regulation(AVR)	Double Boost, Single Buck
Overload Protection	Circuit Breaker (On Utility); Internal Current Limiting (On Battery)
Manual Switch	Bypass Only
Outlets - Total	2
Outlets	AS x 2
Auto-Charge	Yes
Typical Transfer Time	10ms
Surge Protection & Filtering	
Lightning / Surge Protection	Yes
Management & Communications	
LCD Panel	Yes
LCD Information Display	Operation Type, Power Status, Battery Status, Load Status, Other Information, Event & Log
LCD Setting & Control	Alarm Setting, Input & Output, Battery Setting, Mode Setting
LED Indicators	Power On, Wiring Fault
Audible Alarms	Battery Mode, Low Battery, Overload, Overcharge, Overheat
Power Management Software	-
SNMP / HTTP Remote Monitoring	-
Physical	
Form Factor	Tower
Enclosure Construction	Metal
Color	Yellow
Dimensions (W x H x D) (mm)	153 x 241 x 208
Weight (kg)	9.4
Environmental	
Operating Temperature (°C)	0°C ~ 40°C
Operating/Storage Relative Humidity	0 ~ 95% (Non-condensing)
Operating Elevation	0 ~ 3,000 Meters (0 ~ 10,000 Feet)
Storage Temperature (°C)	-15°C ~ 45°C
Certifications	
Certifications	CE
RoHS	Yes
External Battery (Optional)	
Battery Type	Sealed Lead-Acid
Battery Voltage	12Vdc

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RoHS CE

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APPEARANCE

Front Panel

Back Panel

LOAD RUNTIME

Battery Model	RBP200 200AH/12V	
Model Name	Loading	Runtime in hours
CPS1000E 200AH/12V X1	25%	10
	50%	4
	75%	2.5
	100%	1.5

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/CPS3500PRO
Option 6	10	4	2	2	2	1**	CPS5000PIE/CPS5000PRO
Option 7	15	4	3	2	2	1***	CPS7500PIE/CPS7500PRO

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