Emergency Power Systems

CPS7500PIE

EPS75PIED0012UN-01

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. As it accommodates external batteries which is hot-swappable and easily plugged in, the EPS could supply a consistent 220 output voltage in the event of a complete power loss, severe brownout or over-voltage.



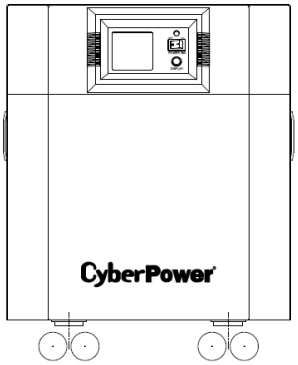
Applications

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

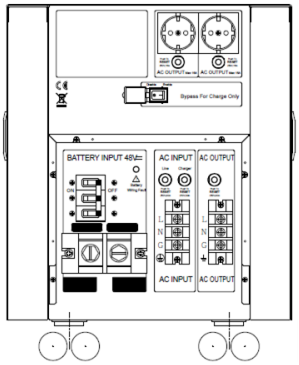
LCD Display | AVR | External Battery
Manual Switch | Pure Sine Wave | SNMP/HTTP

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
- Unlimited Battery Expansion Capability to Increase 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
- Wheel & Carry Handle available
- Small & Light in Dimension
- Reverse Polarity Warning
- Manual Switch



Front Panel



Back Panel









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Emergency Power Systems

CPS7500PIE

Technical Specification

Model	CPS7500PIE
Configuration	
Capacity (VA / Watts)	7500 / 5250
Input	
Frequency Range	45 Hz - 65 Hz (Auto Sensing)
DC Input Voltage	48V
Battery Pack Expansion	Yes
Output	
Number of Phase	Single Phase
UPS Outlets (Numbers)	(2) UK type + (1) terminal block or (2) Schuko + (1) terminal block or (2) FR + (1) terminal block
On Battery Output Voltage	Pure Sine Wave at 220 Vac +/- 10%
On Battery Output Frequency	50 Hz / 60 Hz +/- 1%
Over Voltage Protection	Surge to 400V
Transfer Time (Typical)	< 10 ms
Overload Protection	On Utility: Circuit Breaker / On Battery: Internal Current Limiting
AVR	Boost & Buck
Charging Current	45Amps
Manual Switch Mode	Bypass Only
Surge Protection and Filtering	
Lightning / Surge Protection	Yes
Physical	
Dimensions (H x W x D) (mm)	440 x 370 x 355
Weight (kg)	55.0
Wheels	Yes
Status Indicators	
Indicators	Power On
Audible Alarms	On Battery, Low Battery, Overload
Multi-function LCD Readout	Yes

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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

Load Runtime

Battery Model	Loading Type	Loading (Watts)	4 Batteries	8 Batteries	12 Batteries	16 Batteries	20 Batteries
			Runtime in hours				
CPS7500PIE 200AH/48V	25%	1313	5hrs 53mins	12hrs09mins	19hrs 15mins	27hrs59min	38hrs7mins
	50%	2625	2hrs47mins	5hrs57mins	9hrs 44mins	14hrs09mins	19hrs16mins
	75%	3938	1hrs39mins	3hrs38mins	6hrs 16mins	9hrs06mins	12hrs25mins
	100%	5250	1hrs06mins	2hrs43mins	4hrs 20mins	6hrs18mins	8hrs35mins

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