

Our **Emergency Power System** series aim in the provision of enough backup power in order to sustain “alive” a home’s or business vital systems in case of a power emergency situation! With many top features and power to spare, they mark the right choice for the very demanding power backup solutions, including the running of **Heaters, Air Conditioners, Refrigerators, TV Units, Motors, Lights, ...even computers!**

They have been designed to act as a reliable power backup system that is vital for the continuous operation of critical home/business equipment, aiming to reliability, flexibility, ease of use and management, great runtime expandability and performance, based on a stable multi-purpose industrial-class platform with **Pure Sine-Wave** with **adjustable AVR** technology.

Industrial-Class features within these models make them top and reliable performers protecting your investment for many years to come! We are proud to recommend these systems to you!



- Pure Sine-Wave Output Power for special applications
- Microprocessor based full Digital Control
- Adjustable Automatic Voltage Regulator (AVR)
- Easy to Use and to Manage
- Integrated LCD-based multi-function Status Monitor
- EMI, RFI, Surge & Lighting Spike Protection
- High Runtime Expandability allowing for the connection of any number of external battery arrays in parallel configuration.
- External Batteries are “Hot-Swappable”
- Programmable Brownout and Over-Voltage Protection
- Charging Bypass Circuitry and Reverse Polarity Protection
- Auto-Restart and Auto-Charge Functions
- Easy and Fast Serviceability
- Multiple power Output Interfaces for greater flexibility
- High Performance Output, High Reliability & Elaborate Features suitable for multi-purpose Environments, such as the support of Heaters, AC units, Refrigeration Units, Motors, Lights, etc.



### CAPACITY:

- **CPS3000PIE:** 3000VA or 2400W
- **CPS5000PIE:** 5000VA or 3500W

### LCD DISPLAY:

Used to display detailed information on the UPS status, (Line / Battery Mode), and current power conditions. Displays 10 different Information blocks including: Load Level Meter, Battery Charge Level Meter, Fault Indicator, Overload Indicator, Silent Mode Indicator, AVR in Use, Battery in Use, Input Voltage Level, Output Voltage Level, & Estimated Run-Time based on Actual Load.

### AC INPUT POWER:

- AC Input Voltage Range: 165V ~ 290V
- Frequency Range: 50Hz / 60 Hz (+/- 5Hz) auto-sensing

### DC INPUT POWER:

- **CPS3000PIE:** 24V
- **CPS5000PIE:** 48V

### OUTPUT POWER:

- Single Phase
- On Battery Output Voltage: Pure Sine-Wave at 220V (+/- 10%)
- On Battery Output Frequency: 50Hz / 60 Hz (+/- 1%)
- Typical Transfer Time: Less than 10 ms
- Overload Protection Scheme: On Main Power by *Circuit Breaker*, and on Battery Power by *Internal Current Limiting*
- Automatic Voltage Regulator (AVR): Boost & Buck

### EXTERNAL BATTERY INFORMATION:

- Recommended type of battery: 12V / 100AH
- **CPS3000PIE:** Minimum 2 x 12V batteries – *Unlimited No. of Batteries can be connected in parallel to increase Runtime*
- **CPS5000PIE:** Minimum 4 x 12V batteries – *Unlimited No. of Batteries can be connected in parallel to increase Runtime*
- *System can also make use 24V or 48V Batteries in a configuration that satisfies the required DC Input Power specs*

### STATUS INDICATORS:

- Power-On LED
- Multi-function LCD Display
- Audio Alarms for: Overload, On-Battery, and Low-Battery

### RECEPTACLES:

- Two Schuko or similar type [ *All with Battery Backup & Surge Protection* ]
- Terminal Block

### PHYSICAL INFORMATION:

Dimensions: 330 (L) x 260 (W) x 440 (H) mm

Weight: **CPS3000PIE:** 36kg. **CPS5000PIE:** 44kg. [ *Easy Mobility on Wheels* ]

Storage Temperature: -15°C ~ +45°C

Operating Temperature: 0°C ~ 40°C

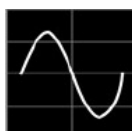
Operating Humidity: 0%~95% non-condensed



+



=



Pure Sine Wave

DISTRIBUTED BY:

CyberPower's  
Manufacturing  
Facilities are  
ISO 9001:2000,  
ISO 14000, and  
QC080000  
Approved