

POINT LIGHTING CORPORATION IS AN INTERTEK ETL CERTIFIED BUILDER OF INDUSTRIAL CONTROL PANELS UNDER UL 508A 2ND AND CSA C22.2 No. 286. PHC/POC PANELS ARE LABELED WITH THE ETL LISTED MARK.



UNINTERRUPTIBLE POWER SUPPLY (UPS)

PL11609-x-C 1000W MAXIMUM LOAD

x = 1: 120V input & output

x = 2: 220-240V input & output



FEATURES & FUNCTIONS

ENCLOSURE: Stainless Steel NEMA 4X

SURGE PROTECTION DEVICE (SPD): 100kA Maximum Discharge Current

INVERTER: True Sine Wave output

Protections:

- Reverse Polarity
- DC Low Alarm
- DC Low Shutdown
- Over Voltage
- Over temperature
- Output Short Circuit
- Output Overload
- Battery discharge protection (LVD)

UNDER & OVER VOLTAGE PROTECTION:

The UPS-C monitors the input AC voltage for under & overvoltage to protect the system loads. Upon an under voltage such as a brown out or power failure, the UPS will automatically switch over to inverter backup.

Upon an over voltage, the UPS will automatically switch over to inverter backup.

The UPS will automatically switch back to mains power when power returns to normal.

PL11609-1-C: 108V low voltage cutoff, 132V high voltage cutoff. Inverter Output: 120Vac

PL11609-2-C: 200V low voltage cutoff, 250V high voltage cutoff. Inverter Output: 230Vac

BATTERIES: Absorbent Glass Mat (AGM) valve regulated, fully sealed

CIRCUIT BREAKERS: Double pole breakers provided for both AC input & AC output
Breaker status indicators (color coded)
Listed to UL489, CSA C22.2 No. 5, IEC 60947-2
Battery circuit breaker is provided for safety and system maintenance

AUTOMATIC BATTERY CHARGER:

- Voltage and Current limited
- Over voltage protection
- Over temperature protection
- Short circuit protection
- ON/OFF switch
- Status LED indicators:
 - Red: AC Power ON
 - Amber: Charging
 - Green: Full Charge

POWER FAILURE REMOTE ALARM (DRY CONTACT)

PILOT LIGHTS: Green: Primary Power Red: Backup Power

The UPS must be installed on the power feed to a POC obstruction lighting system controller or to a PHC heliport lighting system controller. Note: Intended for emergency use only; do not engage for regularly scheduled shutdowns of power such as nights and weekends. In such cases, consider using a BBS Battery Backup System.

CONTACT POINT LIGHTING CORPORATION FOR SPECIFIC APPLICATION ADVICE.

UPS PL11609-1-C

CHART: RUN-TIME IN NUMBER OF HOURS – MINUTES

Total Load	Run-Time
50W	24 hours
100W	12 hours
200W	6 hours
400W	3 hours
600W	90 minutes
800W	60 minutes
1,000W	45 minutes

Photos Pending