



POINT OBSTRUCTION LIGHTING

PL11609-1 UPS UNIT

INFORMATION SHEET

UNINTERRUPTIBLE POWER SUPPLY OPTION -UPS PL11609-1 UPS UNIT

Note: Add option -UPS for a one POL or purchase PL11609-1 to power multiple POL obstruction lights and/or PFB-37003 flashing red beacons.

Required: For one POL, add option -P. For multiple lights, add one PPC-40700-1-34T on the output (load side) of PL11609-1 UPS unit.

See chart below for estimated run-times.

Note: Intended for emergency use only; do not use for regularly scheduled shutdowns of power such as nights and weekends.

For use with a POC system controller, the POC must be 120V and the PL11609-1 must be installed on the power feed to the POC (i.e. upstream of the POC & PPC).

Features & Functions:

- Automatic operation upon loss of power & upon restoration of power.
- Automatic battery charging.
- AC power Input: 96-264V AC
- Temperature range: -20-deg C (-4-deg F) to +55-deg C (131-deg F)
- The UPS sends 120V AC to the load. Use universal AC or 120V lights.
- Battery low voltage disconnect to protect the battery.
- The output to the load has a true pure sine wave.
- NEMA 4X (IP66) fiberglass enclosure.
- Includes 2 x 3/4-inch NPT hubs and 1 x 3/4-inch cable gland.

RUN-TIME IN NUMBER OF NIGHTS (12 HOURS)

	0 POL	1 POL	2 POL	3 POL	4 POL	5 POL	6 POL
0 PFB		9.4	5.4	3.8	2.9	2.3	1.9
1 PFB	5.8	3.9	2.9	2.3	1.9	1.6	1.4
2 PFB	3.0	2.4	1.9	1.6	1.4	1.2	1.1
3 PFB	2.0	1.7	1.4	1.3	1.1	1.0	0.9
4 PFB	1.5	1.3	1.2	1.0	0.9	0.9	0.8

Notes on run-times and battery capacity:

- FAA photocontrol is required as either -P for one light or use PPC-40700-1-34T.
- Based on POL-21006-1F series. For POL-21005-1B, count each POL as a PFB-37003.
- Run-times are based on a 77-deg F (25-deg C) ambient temperature.
- Battery capacity will be between 65-85% at 0-deg C (32-deg F)
- Battery capacity will be between 25-45% at -20-deg C (-4-deg F)
- "POL" means POL-21006-1F-R number of operating heads.
- "PFB" means PFB-37003-R-1 flashing red beacon.

