

UNINTERRUPTIBLE POWER SUPPLY OPTION -UPS PL11609-x UPS UNIT

Note: Add option -UPS for a one POL or purchase PL11609-x to power multiple POL obstruction lights and/or PFB-37003 or PFB-37004 flashing red beacons. Also used for one (1) standalone PFB-37004 white or dual red-white beacon.

Power: 96-264V AC in; 120V (x: -1) or 230V (x: -2) out

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. One PFB uses its own onboard PEC and does not require a PPC.

See chart below for estimated run-times.

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

The PL11609-1 must be installed on the power feed to the POC (i.e. upstream of the POC & PPC). May be used with a PHC, but the maximum system wattage is 400W.

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 or 230V AC to the load.

● Battery low voltage disconnect to protect the battery. ● The output has a true pure sine wave.

NEMA 4X (IP66) fiberglass enclosure. ● Includes 2 x ¾-inch NPT hubs and 1 x ¾-inch cable gland.

CHART 1: RUN-TIME IN NUMBER OF NIGHTS (12 HOURS)

	0 POL	1 POL	2 POL	3 POL	4 POL	5 POL	6 POL	7 POL	8 POL	9 POL
0 PFB	x	9.4	5.4	3.8	2.9	2.3	1.9	1.6	1.4	1.2
1 PFB	5.8	3.9	2.9	2.3	1.9	1.6	1.4	1.3	1.1	1.0
2 PFB	3.0	2.4	1.9	1.6	1.4	1.2	1.1	1.0	0.9	0.8
3 PFB	2.0	1.7	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.7
4 PFB	1.5	1.3	1.2	1.0	0.9	0.9	0.8	0.7	0.7	0.6

Notes on run-times and battery capacity:

FAA photocontrol is required as either -P for one light, PFB onboard PEC or use PPC-40700-1-34T.

Based on POL-21006 and POL-21007 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 or POL-21007-1F-R number of operating heads.

"PFB" means PFB-37003-R-1 or PFB-37004-R-1 flashing red beacon

FOR PFB-37004 WHITE ONLY OR DUAL WHITE-RED:

NOTE! USE ONLY ONE (1) WHITE OR DUAL BEACON POWERED BY ONE (1) UPS

If the power failure occurs at the start of night mode (red), the beacon will operate all night.

If the power failure occurs at the start of day mode (white), the beacon will operate twelve (12) hours.

If the power failure occurs midway into night mode or day mode, the beacon will operate longer than twelve (12) hours and well into the following mode.

