



Backup Power Supply Equipment

For medium intensity lights
12 hours autonomy

PROMIC

LXS
LUXSOLAR®

The backup power supply equipment designed by **PROMIC** ensures the beacons power when dysfunctions appear, like **power cuts**. Composed of a **control cabinet** and its **batteries cabinet**, the equipment provides an **autonomy minimum of 12 hours**.

General features of the equipment

Electrical features

| | |
|------------------------|---------------|
| Power supply | 230V AC |
| Operating temperatures | -25°C +70°C |
| Moisture protection | IP66 IK10 |
| Batteries | 70Ah Lead/gel |
| Minimum autonomy | 12 hours |

Mechanical features control cabinet

| | |
|-------------------------|-------------------------------|
| Area | Safe, without explosion risks |
| Structure | Metal |
| Weight with components* | 36 Kg |
| Dimensions* | 700 x 500 x 250 |
| Fixations | mechanical |

Mechanical features batteries cabinet

| | |
|-------------------------|-------------------------------|
| Area | Safe, without explosion risks |
| Structure | Metal |
| Weight with components* | 58 Kg |
| Dimensions* | 600 x 380 x 210 |
| Fixations | mechanical |

Other

| | |
|-------------------|---|
| Available options | Quick connectors ; Alarms; Magnetic fixations ; Cables |
|-------------------|---|

Medium intensity obstacle light



The technical specifications can be changed without prior notice

* Weight and dimensions of cabinet depend on the number and type of installed beacons.

« L'alimentation électrique desservant le balisage lumineux est secourue par l'intermédiaire d'un dispositif automatique dans les 15 secondes qui suivent la défaillance. La source d'énergie assurant l'alimentation secours des installations de balisage lumineux possède une autonomie au moins égale à 12 heures(...) » [French decree of the 7th of December 2010](#)

Components of the equipment

Control cabinet components

Electronic cards for LED

Twilight sensor

Test for twilight function (day mode/night mode)

GPS module (flash synchronisation)

Protection by circuit-breaker

Overvoltage arrester type III

Batteries charge controller (UPS)

Voltage converter pure sinus

Rotary selector manual (flash interruption)

Earth plug

Alarms available (electricity grid ; batteries ; beacons)



Batteries cabinet components

2 batteries Lead/gel 12V 70Ah

Earth plug

GOOD TO KNOW

| | |
|--------------------------------|---------------------------------|
| Included cable | 4 metres of 2x6 mm ² |
| Total weight of the equipment | 94 Kg |
| Packaging | Wooden box |
| Warranty ELECTRICAL COMPONENTS | 12 months |
| Associated products | Beacon MIOL-AB 230V – FB930002 |