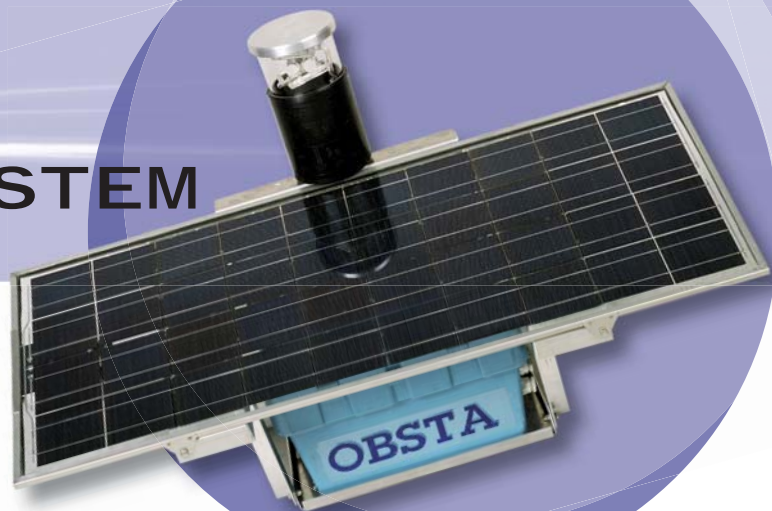


# Accessories

## SOLAR POWER SYSTEM

*In case no external power supply is available, this external solar power system consists of a compact photovoltaic set designed for delivering sufficient power for the OBSTA 12VDC or 24VDC at night only.*

*The surface area of the photovoltaic panels depends on the location of the site and the number of beacons. Consult us for more information.*



### Application

For one OBSTA 12V (NEON) or NAVILITE 12V (LED) 6W in Europe, 3 solar power system are available depending on location (see map below) :

Area 1 : Solar generator 50Wp with 7 days of autonomy

Area 2 : Solar generator 80Wp with 10 days of autonomy

Area 3 : Solar generator 125Wp with 15 days of autonomy

For different locations or different kinds of lights, please consult us.

### Description

OBSTA solar panels are self-contained units which fulfill the following functions :

- the conversion of sunlight to electricity (polycrystalline silicon photocell panels)
- the storage and control of the power generated (by a battery-charger system and the associated circuits)
- system safety (protection against complete battery discharge, etc...).

The configuration can be easily adapted to match any specific case. Auxiliary functions are also offered (photoelectric cell, active redundancy, etc...)

### Main Characteristics

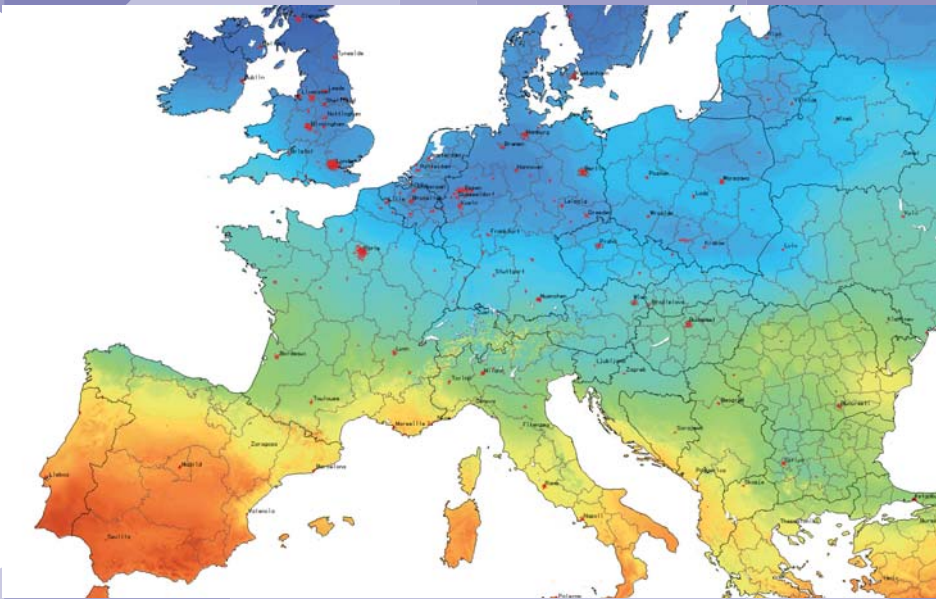
For 1 OBSTA STIF 12V or NAVILITE 12V

OBSTA part number	Number of pannels	Capacity	Autonomy
Solar generator 50 W	1 panel 50 W	60 Ah	7 days
Solar generator 80 W	1 panel 80 W	85 Ah	10 days
Solar generator 125 W	1 panel 125 W	120 Ah	15 days

Other configurations, please consult us

## Size of radar generator depending on localization

for information only



- Blue : Kit area 1
- Green : Kit area 2
- Yellow : Kit area 3

For location or different kind of light, consult us

## OBSTA solar power system

### Complementary characteristics

Operating temperature	-20 to +60°C
Output voltage	12VDC or 24VDC
Weight Dimensions	aluminium support frame stainless bolts and nuts steel
Attachment	2 brackets to fix on pylons, mural or ground fixing
Connection	by connector
Maintenance	annual visit (clean the module)
Batteries used	weatherproof, no maintenance
Photo-voltaic panels	polycrystallins

### Particular precautions

- avoid shadow of surrounding obstacles,
- Direct the solar panel in the south directions (if located in the northern hemisphere),

### Complementary functions

Photocell integrated.

### Other versions

Consult us.