

# Street lighting

PV solution for road applications



**GLOBE XL**

# GLOBE XL



## Descrizione prodotto

Lampione ad alimentazione fotovoltaica per illuminazione di strade e parcheggi con design compatto e struttura in acciaio verniciato per installazione in zone di pregio. Disponibile in due colori: bianco o grigio micaceo. Monta una batteria al piombo Gel o LiFePO<sub>4</sub> e lampada a LED ad alta efficienza disponibile in diverse taglie per adattarsi ad installazioni in tutto il mondo.

[eng]

## Product description

Photovoltaic powered streetlamp for street and parking lighting with compact design and painted steel structure for installation in prestigious areas. Available in two colors: white or micaceous gray. It mounts a gel lead or LiFePO<sub>4</sub> battery and a high efficiency LED luminaire available in different sizes to adapt to installations all over the world.

[fra]

## Description du produit

Lampadaire photovoltaïque pour l'éclairage des rues et des parkings avec un design compact et une structure en acier peint pour une installation dans des zones prestigieuses. Disponible en deux couleurs: blanc ou gris micacé. Il monte une batterie au plomb gel ou LiFePO<sub>4</sub> et une lampe LED à haute efficacité disponible en différentes tailles pour s'adapter aux installations du monde entier.



**GLOBE XL -WHITE**



**GLOBE XL -BLACK**

## Caratteristiche prodotto



Long life (>1500 cycles 50% DOD) deep cycles Pb GEL battery or LiFePO<sub>4</sub> battery long life and high performance



High efficiency LED lamps

[eng]

## Product features



High efficiency MPPT technology charge controller



Flux reduction self management to prevent low battery level

[fra]

## Caractéristiques du produit



Remote control by Bluetooth App or by 2G modem and WCloud web application



Installation on valuable places

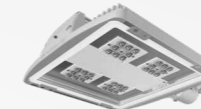
## Lampade disponibili

[eng] Available lamps

[fra] Lampes disponibles



**W-Light 24N-42N**  
LED lamp



**W-Light 60N-84N**  
LED lamp

Pag.46  
(Maggiori informazioni - More info - Plus d'informations)

## Batterie disponibili

[eng] Available batteries

[fra] Batteries disponibles



**200Ah - Pb Gel**  
Battery capacity



**100Ah - LiFePO<sub>4</sub>**  
Battery capacity

## Monitoraggio e Controllo

Il lampione Globe XL può montare o il regolatore di carica SPB-LS/BT con controllo remoto Bluetooth® oppure con regolatore di carica SPB-LS/GSM con modem 2G per controllo a distanza attraverso applicazione web WCloud.

[eng]

## Monitoring and control

The Globe XL streetlamp can mount the SPB-LS BT charge controller with Bluetooth® remote control or the SPB-LS GSM charge controller with 2G modem with remote control via the WCloud web application.

[fra]

## Surveillance et contrôle

Le lampadaire Globe XL peut être équipé soit du contrôleur de charge SPB-LS / BT avec commande à distance Bluetooth®, soit du contrôleur de charge SPBLS / GSM avec modem 2G pour commande à distance via l'application Web WCloud.

## MPPT technology charge controller

Also available with BLUETOOTH and GSM versions (more info pag. 54)



**Caratteristiche tecniche**

[eng] Technical characteristics

[fra] Caractéristiques techniques

<b>Pv module</b>	300W monocrystalline PERC. Adjustable tilt angle 50° or 25° for optimum installation at different latitudes.	
<b>Battery</b>	2x12V 100Ah <b>Pb Gel</b> deep cycles > 1500 (60% DOD) or 1x12V 100Ah <b>LiFePO<sub>4</sub></b> > 3500 cycles (80% DOD).	
<b>Charge controller</b>	Available models:	
	SPB-LS	
	SPB-LS/BT	<b>Bluetooth</b> connection by smartphone or PC.
	SPB-LS/GSM	<b>2G</b> modem with data monitoring through Western CO. web application (WCloud).
	MPPT high efficiency (> 95%)	
<b>Street lamp</b>	<b>W-Light</b> Western CO. Available models: 24W 3090lm / 30W 3800lm / 36W 4360lm / 42W 5080lm / 60W 7620lm / 72W 8730lm / 84W 10160lm	
<b>Color temperature – CRI</b>	4000K – CRI>70	
<b>Optic</b>	Asymmetric for street and wide area lighting, suitable for <b>ME</b> class as <b>UNI 11248</b> and <b>UNI 13201-2</b> . PMMA material protected by flat glass.	
<b>Light control</b>	Self-management flux reduction to maximize lamp operation during cloudy days.	
<b>Mechanical parts</b>	Top of pole battery box steel made treated with cataphoresis process and painted. Available in two colors, <b>white</b> or <b>micaceous gray</b> . Wind load resistance in accordance to <b>Eurocode 0-1-3</b> and production compliant to <b>EN1090-2</b> . Pole: 7m high above the ground, steel made and <b>hot deep galvanized</b> .	

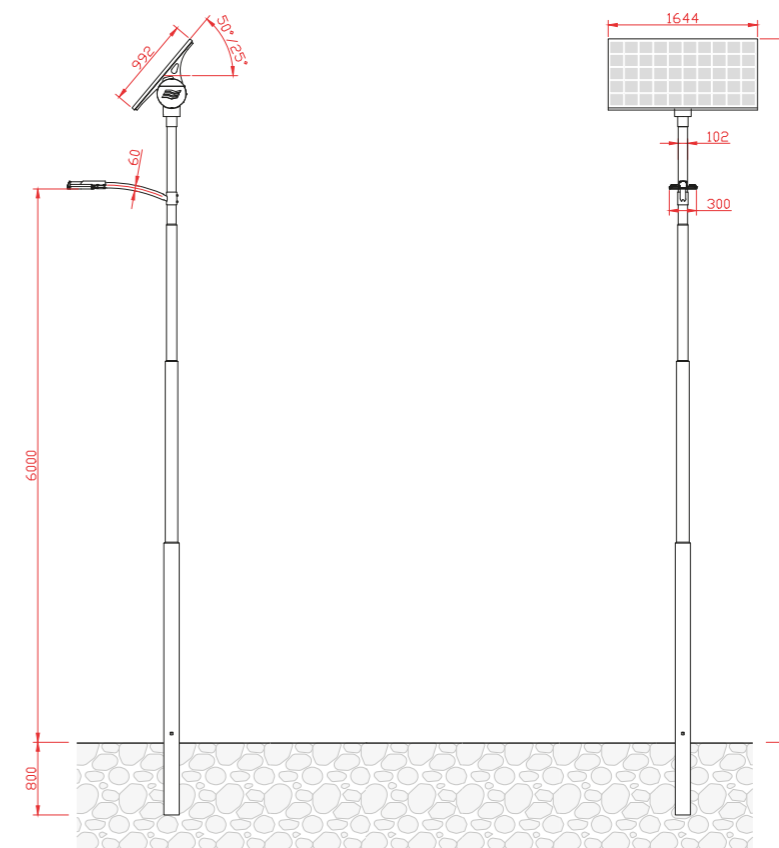


**Technical scheme**

**Dimensioni del prodotto**

[eng] Product dimensions

[fra] Dimensions du produit



**Realizzazioni**

[eng] Realizations

[fra] Réalisations

