

# **Parks and gardens lighting**

*PV solution for urban applications*



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**SPL**

**SPL****Descrizione prodotto**

Lampione ad alimentazione fotovoltaica per illuminazione di giardini, parchi, marciapiedi e piste ciclabili. Dal design compatto e struttura in acciaio verniciato grigio micaceo è disponibile con batteria al litio (LiFePO<sub>4</sub>) di ultima generazione o batteria al Piombo Gel ad alto numero di cicli (>1500 cicli DOD 50%).

**[eng]****Product description**

Photovoltaic powered streetlamp for lighting gardens, parks, sidewalks and cycle paths. With a compact design and structure in micaceous gray painted steel, it is available with the latest generation lithium battery (LiFePO<sub>4</sub>) or lead gel battery with a high number of cycles (> 1500 DOD 50%).

**[fra]****Product description**

Lampadaire photovoltaïque pour l'éclairage de jardins, parcs, trottoirs et pistes cyclables. Avec une conception et une structure compactes en acier peint gris micacé, il est disponible avec une batterie au lithium de dernière génération (LiFePO<sub>4</sub>) ou une batterie au plomb gel à cycle élevé (> 1500 DOD 50% cycles).



**SPL-12W | SPL-18W | SPL-12W-Li-30Ah | SPL-18W-Li-30Ah | SPL-18W-Li-60Ah**

**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 reliability PWM technology charge controller



Flux reduction self management to prevent low battery level

**[fra]****Caractéristiques du produit**

Easy to install and maintenance



Installation on gardens, parks, sidewalks, bicycle lanes and parking area

**Lampade disponibili****[eng]** Available lamps**[fra]** Lampes disponibles

**Sun Light XS 12-18 DARK GREY**  
LED lamp

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(Maggiori informazioni - More info - Plus d'informations)

**Batterie disponibili****[eng]** Available batteries**[fra]** Batteries disponibles

**60Ah - Pb Gel**  
SPL12-W  
SPL18-W



**30Ah - LiFePO<sub>4</sub>**  
SPL-12W-Li-30Ah  
SPL-18W-Li-30Ah



**60Ah - LiFePO<sub>4</sub>**  
SPL-18W-Li-60Ah

**Controllo**

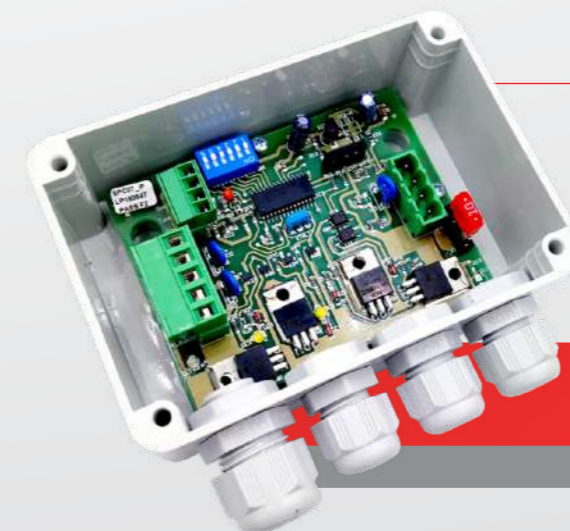
Regolatore PWM specifico per illuminazione a LED 10A - IP56. Impostabile sia per batterie a Piombo che per batterie LiFePO<sub>4</sub>.

**[eng]****Control**

Specific PWM controller for LED lighting 10A - IP56. Can be set for both lead-acid and LiFePO<sub>4</sub> batteries.

**[fra]****Contrôle**

Régulateur PWM spécifique pour éclairage LED 10A - IP56. Réglable pour les batteries au plomb et LiFePO<sub>4</sub>.

**SPC07-IP2**

Can be set for both lead-acid and LiFePO<sub>4</sub> batteries.

**Caratteristiche tecniche**

[eng] Technical characteristics

[fra] Caractéristiques techniques

<b>Pv module</b>	100W monocrystalline. Adjustable tilt angle 60° or 30° for optimum installation at different latitudes.
<b>Battery</b>	1x12V 56Ah <b>Pb Gel</b> deep cycles >1500 (60% DOD) for SPL12-W and SPL18-W models. 1x30Ah <b>LiFePO<sub>4</sub></b> >3500 cycles (80%DOD) for SPL-12W-Li-30Ah and SPL-18W-Li-30Ah models. 11x60Ah <b>LiFePO<sub>4</sub></b> >3500 cycles (80%DOD) for SPL-18W-Li60Ah model.
<b>Charge controller</b>	SPC07-IP2
<b>Street lamp</b>	<b>Sun Light</b> Western CO. Available models: 12W 1830lm / 18W 2695lm
<b>Color temperature – CRI</b>	4000°K – CRI>70
<b>Optic</b>	Asymmetric, suitable for gardens, parks, walkways, bicycle lanes, and parking areas. PMMA material protected by flat glass.
<b>Mechanical parts</b>	Top of pole battery box steel made treated with cataphoresis process and <b>dark gray</b> painted. Wind load resistance in accordance to <b>Eurocode 0-1-3</b> and production compliant to <b>EN1090-2</b> . Pole: 7mt high above the ground, steel made, <b>hot deep galvanized</b> and <b>dark gray</b> painted.

**Struttura testapalo**  
Top-of-pole structure  
Structure supérieure du poteau

**Kit staffe**  
Support kit  
Kit de support

**Modulo FV cristallino**  
Crystalline PV module  
Module PV cristallin

**Braccio**  
Bracket  
Bras

**Sun Light**  
**Armatura LED**  
LED Luminaire  
Armures LED

**SPC07-IP2**  
**Regolatore di carica**  
Charge Controller  
Contrôleur de charge

**Batterie ermetiche**  
Sealed batteries  
Batteries scellées

**Palo**  
Pole  
Poteau

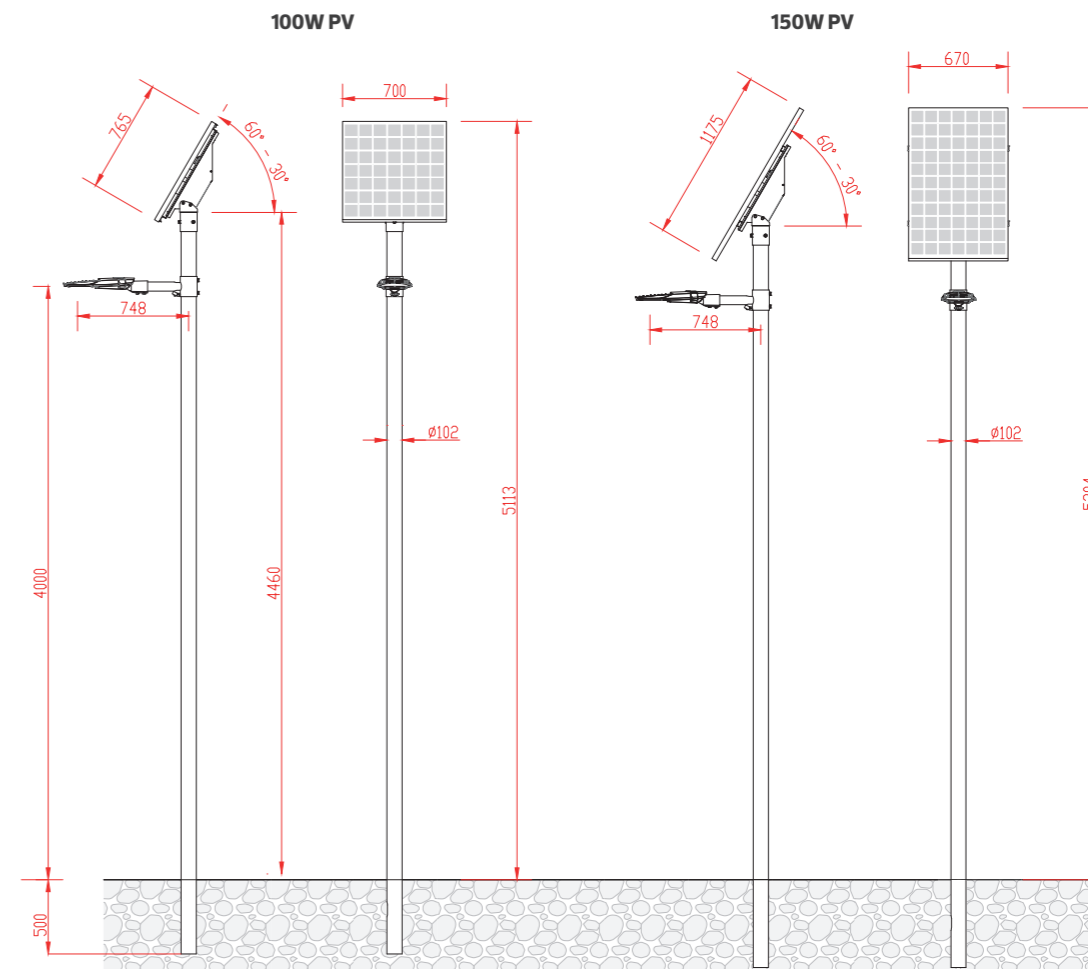
**Technical scheme**



**Dimensioni del prodotto**

[eng] Product dimensions

[fra] Dimensions du produit



**Realizzazioni**

[eng] Realizations

[fra] Réalisations

