

SP10-MH, SP20-PG

SOLLATEK SP10-MH, SP20-PG 12V PHOTOVOLTAIC MODULES

Models :

SP10-MH, SP20-PG

General:

Solar cells directly convert sunlight into electricity by means of the photovoltaic effect. This occurs when photons are absorbed by a solar cell which generates a voltage across its terminals. Cells are connected in series within a solar module to generate a sufficient voltage. This solid state process provides a clean, silent, non-polluting and reliable source of electrical energy.

Sollatek's high efficiency solar modules are constructed of crystalline technology. A Tedlar® base is used and ethylene vinyl acetate encapsulant. High transmission tempered glass protects the cells from the front and a high strength polymer sheet at the rear. A reinforced aluminium frame completes the laminate structure which is fully sealed against moisture and protected from environmental and mechanical damage.

Features:

- High efficiency modules
- Reinforced anodised aluminium frame
- Pre-drilled frame for easy mounting
- Product warranty : 5 years*
- Efficiency warranty : 20 years*

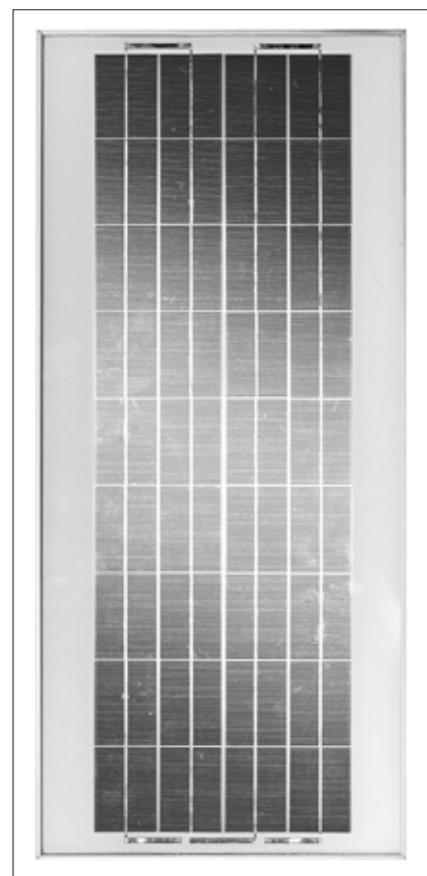


Applications:

- Rural electrification
- Water pumping
- Sollatek Glowstar
- Sollatek SLK4, Lighting Kit
- SHS: Small home system



SP10 Solar Module



SP20 Solar Module

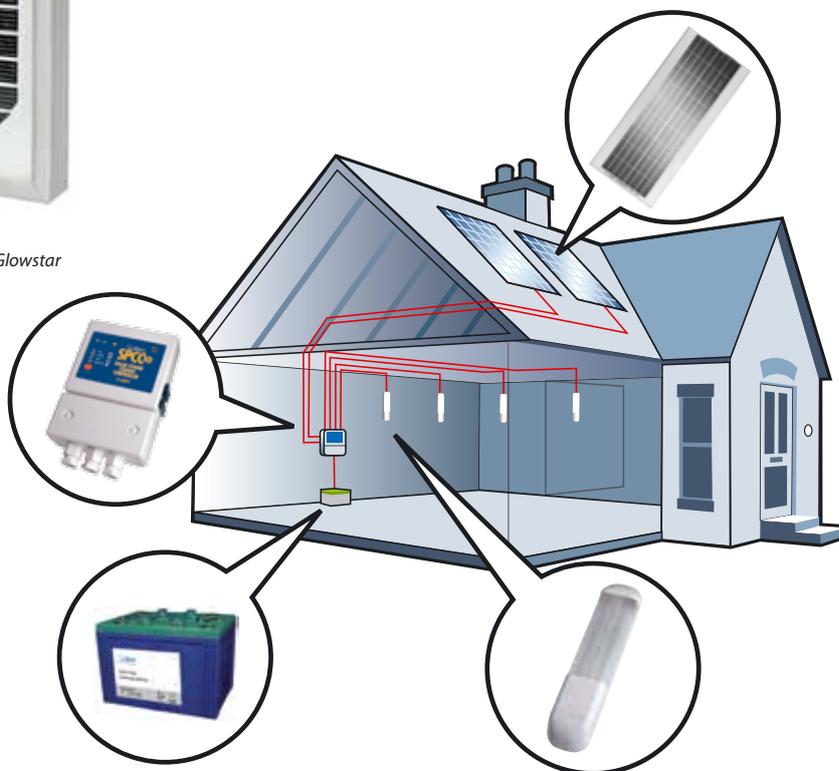
*According to general warranty conditions

SP10-MH, SP20-PG

Specification	SP10	SP20
Power output	10Wp	20Wp
Dimension (mm)	350x290x35	678x308x18
Open circuit voltage	21V	21V
Short circuit current:	0.6A	1.32A
Maximum power voltage	17V	17V
Maximum power current	0.56A	1.2A
Weight	1.3KG	2.5KG
Extension Lead	1m	0.1m
Connection type	DC plug	Molex



The SP10 is ideal for use with the Sollatek Glowstar



The SP20 is ideal for medium sized solar lighting, Sollatek SLK4