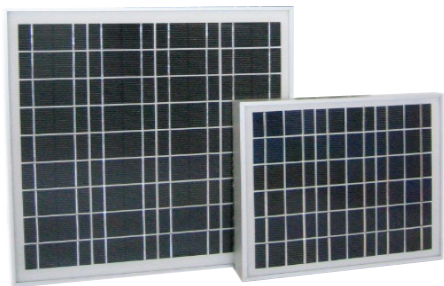




Let the Light be Life™

Photovoltaic Modules

IS10P - IS20P



The **new** photovoltaic modules **IS10P - 10Wp** and **IS20P - 20Wp** are composed of **36** high efficiency polycrystalline solar cells produced with the most innovative technologies of isotropic texturization and antireflecting coating.

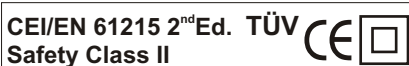
Istar Solar® manufactures top quality modules by using only guaranteed and certified materials. These modules are in fact made of solar cells encapsulated between sheets of ethylene vinyl acetate (EVA), highly transparent, antishock, tempered glass which protects the module against mechanical and climatic effects, such as hail, ice etc. The particular texturization of the glass enables a maximum concentration and diffusion of the light on the solar cells. This enable us to guarantee very good module performances, power and working conditions even if in lower sunlight levels worldwide. The white tedlar back sheet contributes to a further protection of the module and the electrical contacts against the action of climatic agents like humidity.

Furthermore the **strong anodized aluminium frame** with corners and pre-drilled mounting holes makes the module extremely easy to install.

The modules are equipped with a special waterproof **junction box Tyco** with protection degree **Ip55**.

Certification:

C01 07C328001 - TÜV 08 PPV 00001/02 TIC
C02 07C328001 - TÜV 08 PPV 00001/03 TIC



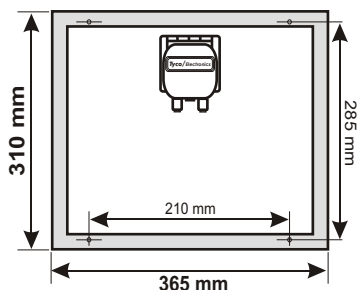
Power modules warranty:

90% 12 years

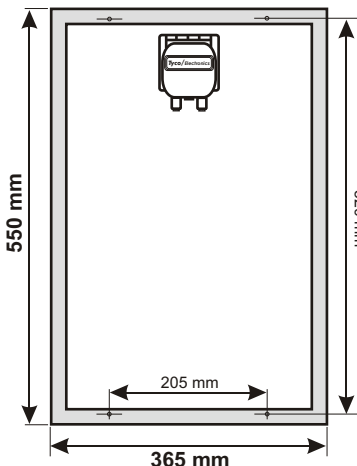
80% 25 years

Product Warranty: 5 years

IS10P



IS20P



Electrical and Technical Data
(STC: 1000 W/sqm - 25°C - AM 1,5)

	IS10P	IS20P
Peak Power (Wp)	Watts 10	Watts 20
Nominal voltage	Volts 12	Volts 12
Current at maximum power (Imp)	Amps 0,6	Amps 1,2
Short circuit voltage (Isc)	Amps 0,67	Amps 1,34
Open circuit voltage (Voc)	Volts 21,6	Volts 21,6
Tensione massima potenza (Vmp)	Volts 17	Volts 17
NOCT	°C 45 (±2)	
Maximum system voltage	Volts 715	
Temperature range	°C -40 to +85	
Hail resistance	fino a 25mm a 90 Km/h	
Dimensions	fino a 100%	
Dimensions (±2mm)	365x310x35	365x550x35
Weight	Kg 1,6	Kg 3
Power tolerance	±5%	

Datasheet complies with the requirements EN 50380

Istar Solar® reserves the right to change the features of modules without notice