



Photovoltaic modules

IS180P6 - IS190P6 - IS200P6 **54 cells**



Bachsoleil sas, always keen on the developments and on the new market requirements, has began the distribution of photovoltaic modules, produced by the best enterprises in this field, specifically designed for the grid-connected plants.

The photovoltaic modules "P6" series, **IS180P6, IS190P6 and IS200P6** are composed of **54** high efficiency polycrystalline solar cells **156x156mm** produced with the most innovative technologies and with antireflecting coating.

These modules generate a power of **180Wp, 190Wp and 200Wp** respectively, with an **high power density up to "137Wp per square meter"**.

Thanks to the **New Ultratron®** technology, all the modules **IS** series have greater credit and an **higher power output**. This enable us to guarantee very good module performances, power and working conditions even if in lower sunlight levels worldwide.

We supply top quality modules by using only guaranteed and certified materials. The module is 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 white tedlar back sheet contributes to a further protection of the module and the electrical contacts against the action of climatic agents like humidity.

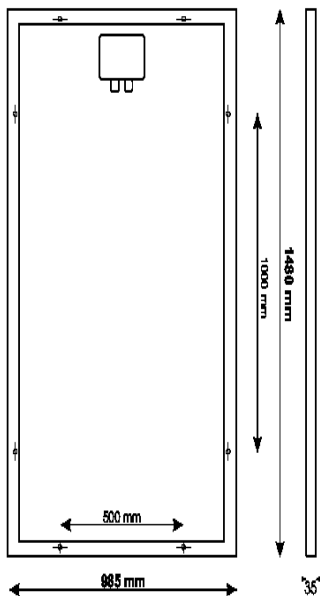
Furthermore the **strong anodized aluminium frame** with corners and 8 pre-drilled mounting holes makes the module extremely easy to install.

The module is equipped with a special waterproof **junction box Tyco (TÜV Certified)** with protection degree **IP65**, with two connector plugs and by-pass diodes which protect the module against "hot spot" effects.

These modules have been designed especially for **grid connected systems and photovoltaic roofs**. Tyco cables for modules connections are available on request.

Power module Warranty 80% 25 years

This module is manufactured in accordance to CEI/IEC 61215 specifications.



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

Models	IS180	IS190	IS200
Peak Power (Wp)	Watts 180	Watts 190	Watts 200
Current at maximum power (Imp)	Amps 6,7	Amps 7,0	Amps 7,4
Short circuit current (Isc)	Amps 7,3	Amps 7,6	Amps 7,9
Open circuit voltage (Voc)	Volts 32,4	Volts 33,0	Volts 33,4
Voltage at maximum power (Vmp)	Volts 27,0	Volts 27,0	Volts 27,0
Nominal operative cell temp. (NOCT)	°C46 (±2)		
Maximum system voltage	Volts 715		
Temperature range	°C-40 to +90		
Hail resistance and impact speed	up to 28mm / 90 km/h		
Surface pressure and wind speed	n/sqm 2400 / up to 200 km/h		
Relative humidity	Up to 100%		
Dimensions	mm 1480 x 985 x 35 (±2mm)		
Weight	Kg19		
Tolerance technical data	±5%		
Temperature coefficient (β)	mV/°C-114,50		

Bachsoleil sas reserves the right to change the module features without notice



Photovoltaic solar panels

Series IS180P6 - IS190P6 - IS200P6

High efficiency polycrystalline "54 CELLS"

Models	IS180P6	IS190P6	IS200P6
Peak Power (Wp)	Watts 180	Watts 190	Watts 200
Price free our warehouse	€930,00*	€950,00*	€1.040,00*

***Transport and installation excluded**

