

CPS*P30-156**

230/235/240W

Features

- Module certified by several independent organizations
- Efficiency and reliability in high temperatures area
- Modules certified to withstand high wind loads (2400 Pascal) and heavy snow loads (5400 Pascal)
- Reliability and warranty of the output power
- Each module is flashed and controlled individually*



Material



TUV and IP65 certified junction box equipped with MC4 compatible connectors and certified solar cables



Mechanical strength of the frame reinforced with toothed interlocking

Quality standards

The meticulous selection and rigorous testing on raw materials plus the controlled audits of our suppliers, allowing CP-SOLAR to guarantee the quality of our panels

To be sure our products comply with announced specification, we conduct regular tests on our modules in our test and development center

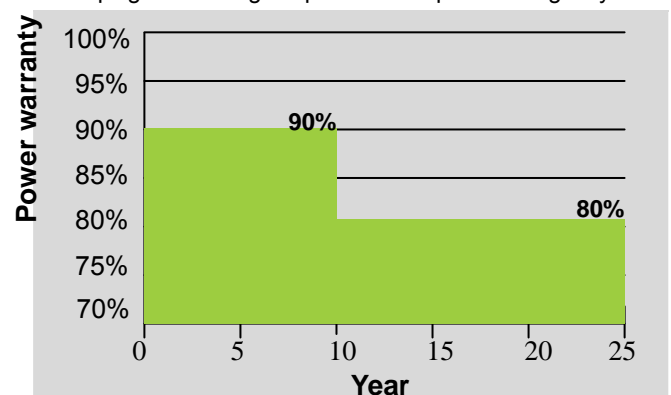
The traceability and the test laboratory ensure the power efficiency

* Sending of the flash test result for each order

** please refer to the CP-SOLAR product warranty for details

Power warranty

2 steps guaranteeing the power of the panel during 25 years

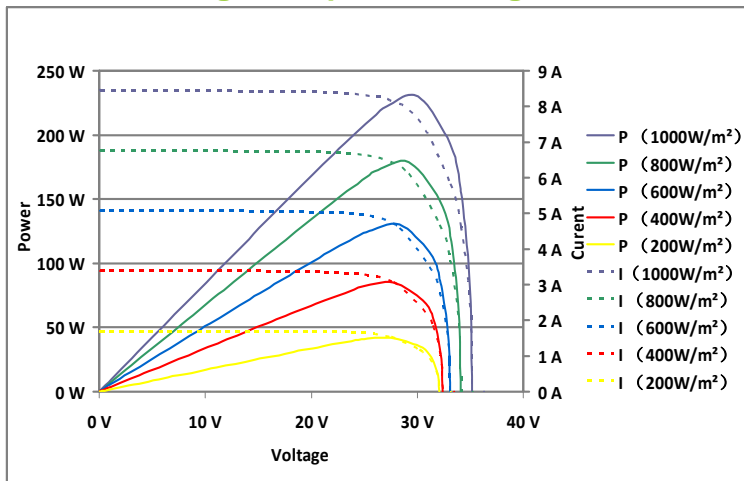


- 90% of the output power is guaranteed for 10 years and 80% for 25 years
- 6 years manufacturer's warranty**

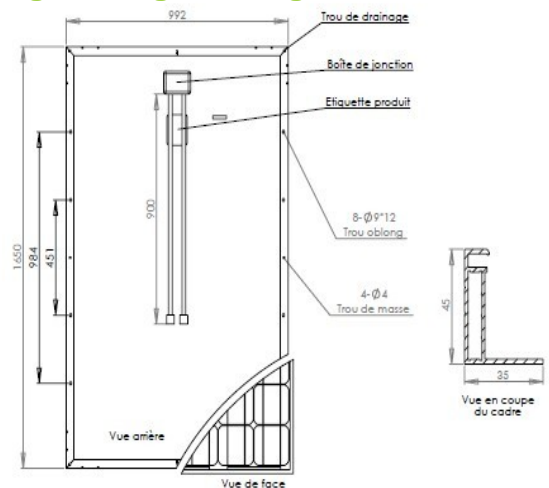
CPS***P30-156

Electrical Data		CPS230P30-156	CPS235P30-156	CPS240P30-156
Maximum power (Pmax)		230Wp	235Wp	240Wp
Tolerance		+/-3%	+/-3%	+/-3%
Maximum power voltage (Vpm)		30.10V	30.00V	30.6V
Maximum power current (Ipm)		7.65A	7.83A	7.84A
Open circuit voltage (Voc)		36.30V	36.00V	37.20V
Short circuit current (Isc)		8.48A	8.77A	8.52A
Module efficiency		≥14.05%	≥14.36%	≥14.66%
STC: Irradiation 1000W/m ² , AM 1,5 and temperature 25°C				
Temperature coefficient	NOCT	45 +/-2°C		
	Power (Pm)	-0.5%/°C		
	Voltage (Vpm)	-0.38%/°C		
	Current (Ipm)	+0.1%/°C		
	Open circuit voltage (Voc)	-(0.3±0.05)%/°C		
	Short circuit current (Isc)	(0.065±0.015)%/°C		
NOCT: nominal operating cells temperature: irradiance=800W/m ² , environment temperature=20°C				

Current-voltage and power-voltage curve



Engineering Drawing



Specification included in this datasheet are subject to change without notice

Technical data

Maximum system voltage	1000V
Operating temperature	-40°C to +85°C
Maximum load (glass/frame)	2400Pa/5400Pa

Packing data

Container	20GP	40GP
Quantity	258	574

Mechanical Data

Tempered glass thickness	3.2mm
Number of cells	60
Cell dimensions	156*156mm
Back sheet	High-grade PET
Junction box	IP65
Frame	Anodized aluminum
Module dimensions	1650*992*45mm***
Weight	18.6kg

***The size is subject to change from 0-1%

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THIS PRODUCT