

# Monocrystalline 380W (72pcs)

## SPECIFICATIONS

Dimensions	1956×992×40 mm	
Weight	23.5 kg	
Frame	Aluminium hollow-chamber frame on each side	
Glass	Low-iron and tempered Glass 3.2 mm	
Cells	60 pcs Mono-crystalline Si-cells (156×156 mm)	
Cell	EVA	
Embedding		
	CE	IEC
Back-Foil	FEVE / PET / FEVE	
Junction Box		
Cable	4mm <sup>2</sup> solar cable 2×900 mm	
Temperature	-40°C...+85°C	
Range		
Load Capacity	5400 Pa	
Application class	Class A	
Electrical protection class	Class II	
Fire safety class	Class C	
Product		
Warranty	25 years	
Power	10 years 90%	
Guarantee	25 years 80%	

## CHARACTERISTICS

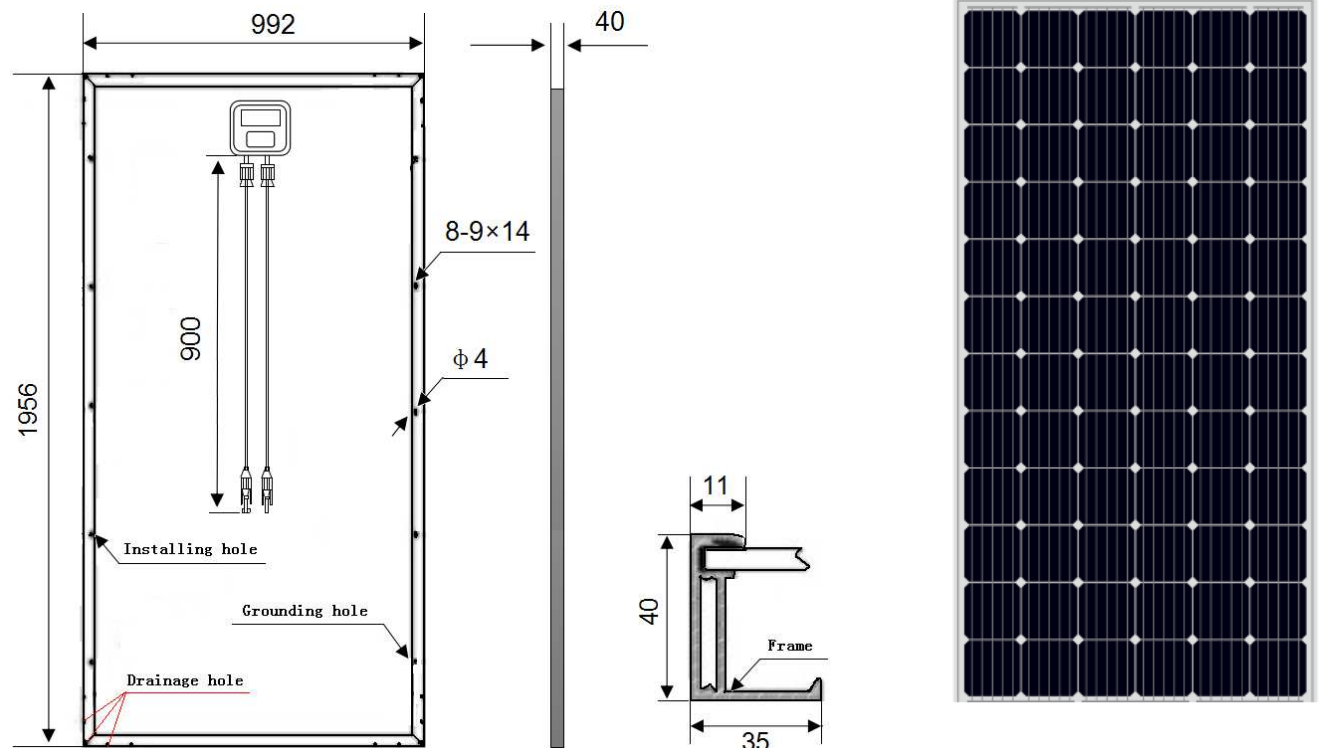
Max.System Voltage	1000V/DC
Temperature-Coefficient I <sub>sc</sub>	+0.02973%° K
Temperature-Coefficient V <sub>oc</sub>	-0.38038%° K
Temperature-Coefficient P <sub>mpp</sub>	-0.57402%° K
NOCT***	45°C

## CERTIFICATES

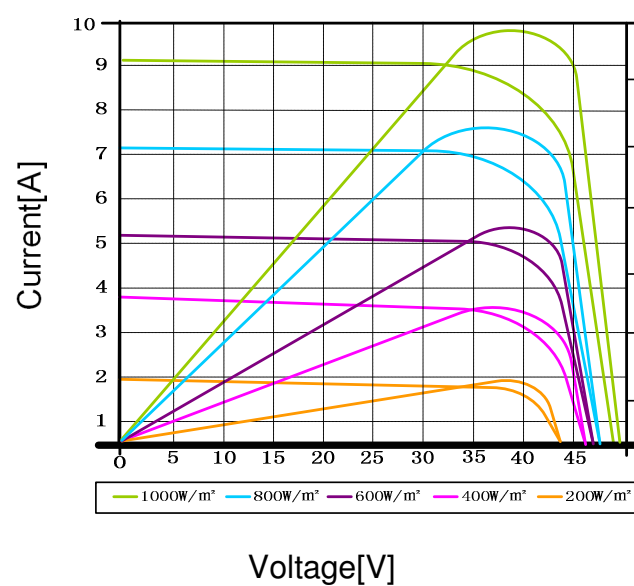
IEC 61215  
IEC 61730  
CE IEC

## INSURANCE

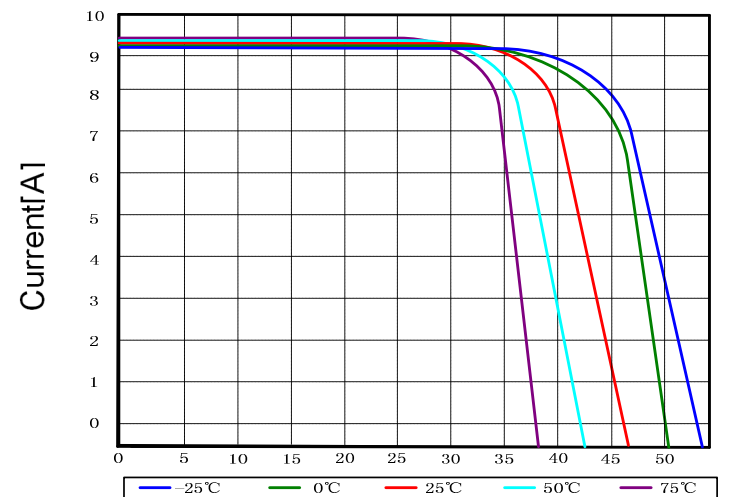
Chubb



## CURRENT-VOLTAGE CURVES



Module characteristics at constant module temperatures (25°C) and different levels of irradiance.



Module characteristics at different module temperatures and constant Module irradiance (1.000W/m<sup>2</sup>).

ESPSC TYPE	STC	NOCT
Power Class	380	296
Max.Power Voltage (V <sub>mpp</sub> )	40.86	35.91
Max.power Current (I <sub>mpp</sub> )	9.60	8.03
Open Circuit Voltage (V <sub>oc</sub> )	48.75	44.57
Short Circuit Current (I <sub>sc</sub> )	10.12	8.35
Module Efficiency	19.58%	

\* Mpp: Maximum Power Point

\*\* STC (Standard Test Conditions): 1000W/m<sup>2</sup>, 25°C, AM 1.5

\*\*\* Normal Operating Cell Temperature

\*\*\*\* Grade A Cell

\*\*\*\*\* Warranty: 25 years ; Power 10 year 90% ; Guarantee 20 years 80%

