

Polycrystalline 275W (60pcs)

SPECIFICATIONS

Dimensions	1640×992×35 mm
Weight	18.5 kg
Frame	Aluminium hollow-chamber frame on each side
Glass	Low-iron and tempered Glass 3.2 mm
Cells	60 pcs Poly-crystalline Si-cells (156×156 mm)
Cell	EVA
Embedding	CE IEC TÜV
Back-Foil	FEVE / PET / FEVE
Junction Box	
Cable	4mm² solar cable 2×900 mm
Temperature	-40℃...+85℃
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

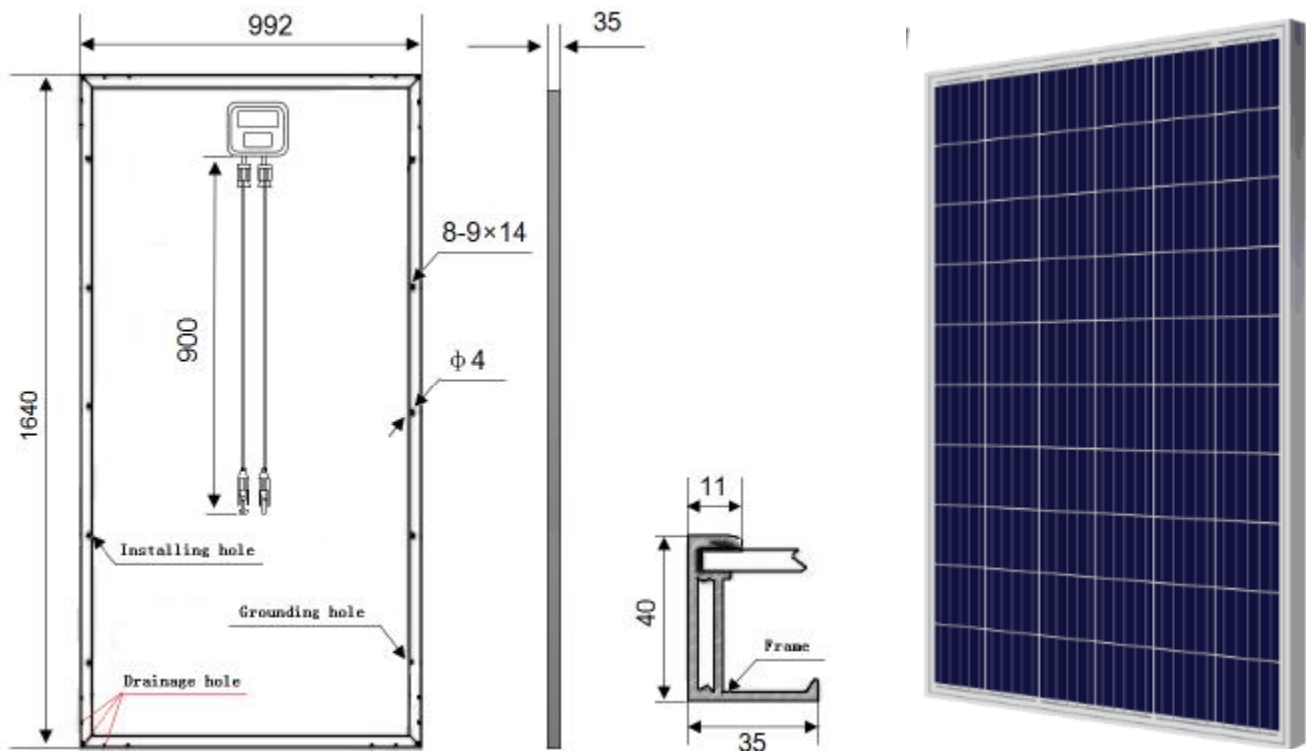
Max.System Voltage	1000V/DC
Temperature-Coefficient I _{sc}	+0.02973%° K
Temperature-Coefficient V _{oc}	-0.38038%° K
Temperature-Coefficient P _{mpp}	-0.57402%° K
NOCT***	45℃

CERTIFICATES

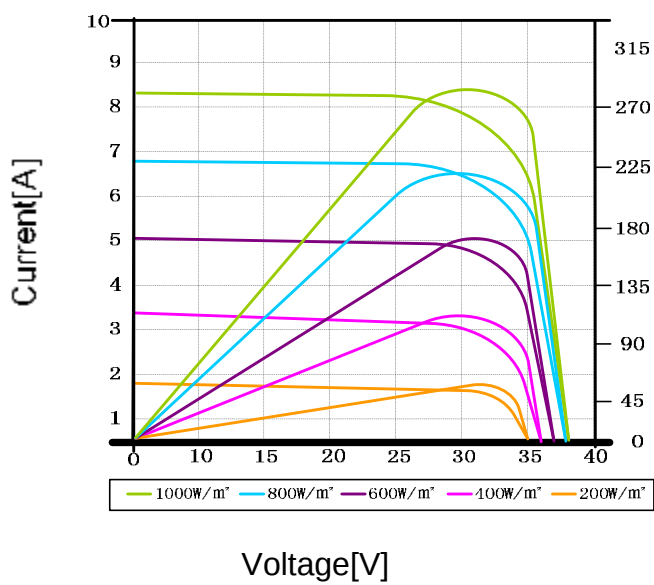
IEC 61215
IEC 61730
CE IEC TÜV

INSURANCE

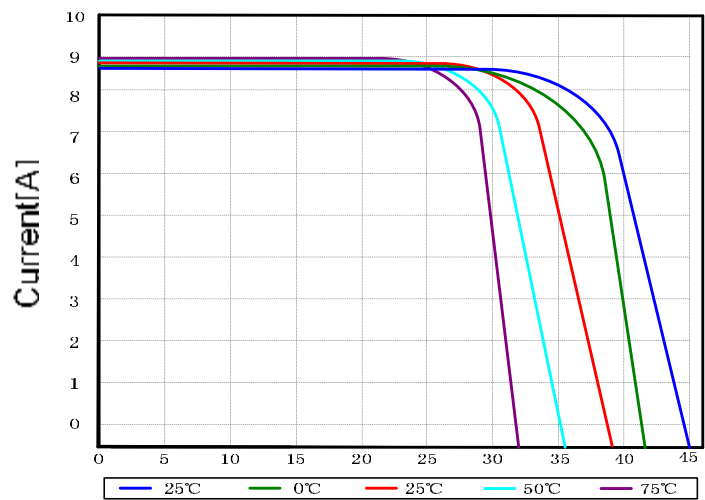
Chubb



CURRENT-VOLTAGE CURVES



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



Module characteristics at different module temperatures and constant Module irradiance(1.000W/m²).

ESPSC TYPE	STC	NOCT
Power Class	275W	202W
Max.Power Voltage(V _{mpp})	31.22	28.89
Max.power Current(I _{mpp})	8.81	7.01
Open Circuit Voltage(V _{oc})	38.84	35.76
Short Circuit Current(I _{sc})	9.44	7.70
Module Efficiency	16.9%	

- * Mpp: Maximum Power Point
- ** STC (Standard Test Conditions): 1000W/m², 25℃, AM 1.5
- *** Normal Operating Cell Temperature
- **** Grade A Cell
- ***** Warranty: 25 years ; Power 10 year 90% ; Guarantee 20 years 80%

