








60 CELLS POLYCRYSTALLINE MODULE

270-300W



FEATURES

-  16.5-18.4% MAXIMUM EFFICIENCY
-  0~+5W POWER TOLERANCE
-  FULLY AUTOMATED ADVANCED SOLAR PLANT
-  100% A GRADE CELLS ONLY
-  EVERY MODULE DOUBLE TESTED & CHECKED
-  PRODUCTION BASE IN VIETNAM
-  NO COMPROMISE ON QUALITY

EWVO

WORLD CLASS SOLAR MODULES

PRODUCT SPECIFICATIONS

OUR MOST VERSATILE PRODUCT

Compatible with all major BOS components and system designs | 60-cell module power output up to 300W | Up to 165 W/m² power density Highly reliable due to stringent quality control | 1500V UL/1500V IEC certified

HIGHLY RELIABLE DUE TO STRINGENT QUALITY CONTROL

Over 30 in-house tests (UV, TC, HF, and many more) | In-house testing goes well beyond certification requirements | PID resistant | 100% EL double inspection

CERTIFIED TO WITH STAND CHALLENGING ENVIRONMENTAL CONDITIONS

2400 Pa wind load
35 mm hail stones at 97 km/h
5400 Pa Snow load

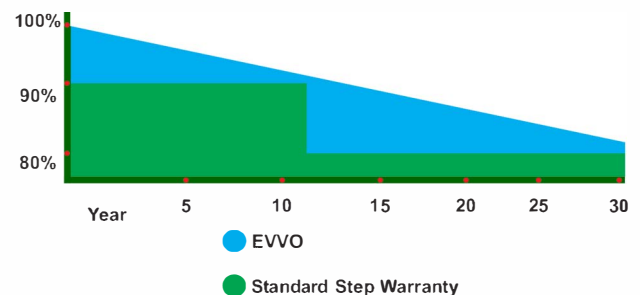
12
Years

PRODUCT WARRANTY

30
Years

PERFORMANCE WARRANTY

LINEAR PERFORMANCE WARRANTY



Electrical Specifications (standard test conditions)

Maximum Power - P_{MAX} (Wp)	270	275	280	285	290	295	300
Power Tolerance - P_{MAX} (W)	0 ~ +5%						
Maximum power point of operating voltage - P_{MPP} (V)	30.9	31.1	31.4	31.7	32.0	32.3	32.6
Maximum power point of operating current) - I_{MPP} (A)	8.73	8.84	8.92	9.02	9.12	9.22	9.32
Open circuit voltage - V_{oc} (V)*	38.4	38.5	38.7	38.9	39.1	39.3	39.5
Short circuit current - IM (A)	9.18	9.25	9.34	9.41	9.48	9.52	9.57
Module Efficiency (%)	16.5	16.8	17.2	17.5	17.8	18.1	18.4

Standard test conditions under Measured Value:(air quality AM1.5, Irradiance 1000W / m², cell temperature 25°C)

Electrical Index (under nominal operating cell temperature conditions)

Maximum Power - P_{MAX} (Wp)	200	204	207	210	213	216	219
Maximum power point of operating voltage - P_{MPP} (V)	28.7	29.0	29.2	29.4	29.6	29.8	30.0
Maximum power point of operating current) - I_{MPP} (A)	6.97	7.03	7.10	7.17	7.24	7.31	7.38
Open circuit voltage - V_{oc} (V)*	35.5	35.6	35.8	36.0	36.2	36.4	36.8
Short circuit current - IM (A)	7.41	7.47	7.55	7.61	7.67	7.73	7.79

NOCT: Irradiance 800W / m², ambient temperature of 20°C, wind speed 1m / s

Temperature Rating

	Limit parameter
Nominal Operating Cell Temperature (NOCT)	44°C (±2°C) Working Temperature -40~+85°C
Maximum power (P _{MAX}) Temperature Coefficient	- 0.41%/°C Maximum system voltage 1500V DC (IEC)
Open-circuit voltage (VOC) Temperature Coefficient	- 0.32%/°C 1500V DC
Short circuit current (ISC) Temperature Coefficient	0.05%/°C Maximum fuse rated Current 15A

Mechanical Specifications

Solar cell Type	156.75mm × 156.75mm Poly-crystalline
Number of Cells	1 module 60pieces (6 × 10)
Dimensions	1640 × 992 × 35 mm
Weight	18.6 kg
Glass	3.2mm, High transparency, anti-reflective coatings toughened glass
Backsheet	white /black
Frame	Silver, anodized aluminum
Junction Box	Protection level IP 68
Cable	4.0 mm ² , 1000 mm Photovoltaic dedicated cables
Connector	MC4 compatible

* Please refer to product warranty for details Packaging Method

Modules per box: 30 pcs
Modules per 40 ft container: 840 pcs

* Installation depends on the mechanical load

P60 Module Packing

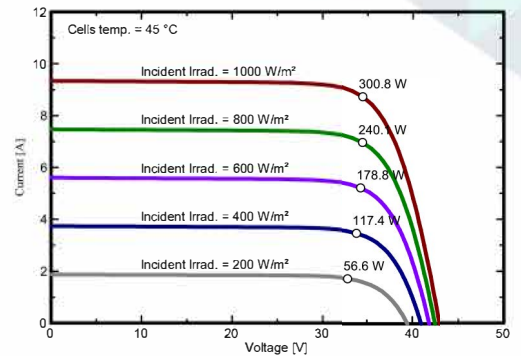
Name	Dimensions (mm)	Weight (kg)
Pallet	1680*1130*123mm	29
Carton Box(30pcs)	1670*1120*1000mm	10
Carton Box (2pcs)	1670*1000*80mm	2

Maximum stacking height of P60
Module Packing : 30 pcs per box allow stacking of the same 30 pcs box, Plus 2 boxes per box 2pcs ;

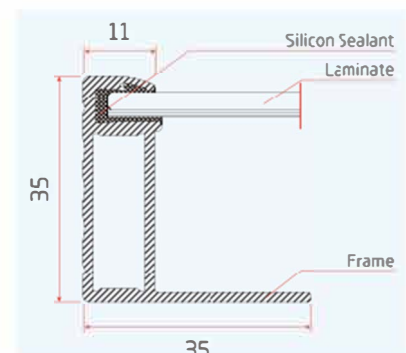
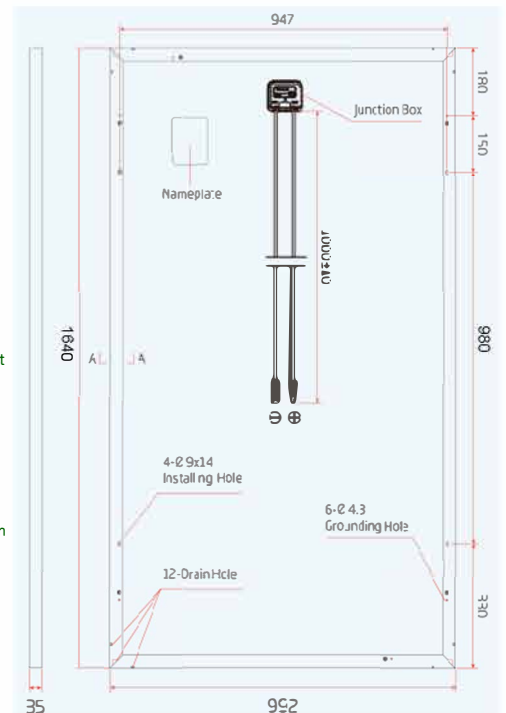
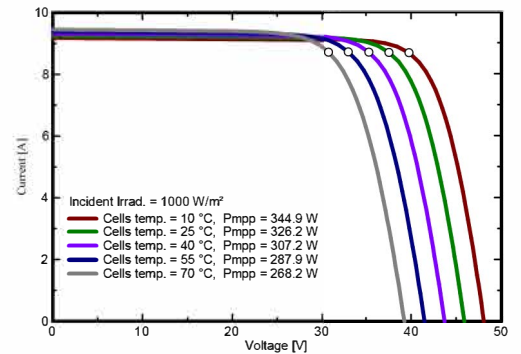
30 pcs single pallet dimension height : 1123mm Weight : 598KG

Height of 2 pallet stacking 2 pallet per box 2pcs : 2406mm Weight : 1243.4KG

PV module: EVVO, EVVO_Poly_325W-1000



PV module: EVVO, EVVO_Poly_325W-1000



Authorized Dealer