








72 CELLS MONOCRYSTALLINE MODULE

# 355-370W

EVVO-V-SERIES-72M(PERC)



## FEATURES

-  **18.3-19.1% 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**

## PRODUCT SPECIFICATIONS

### DEAL FOR LARGE SCALE INSTALLATIONS

High power footprint reduces installation time and BOS costs  
1500V UL/1500V IEC certified

### ONE OF THE INDUSTRY'S MOST TRUSTED MODULES

Field proven performance | Strong, reliable supplier

### 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 |  
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 wind load | PID resistant

# EVVO

WORLD CLASS SOLAR MODULES

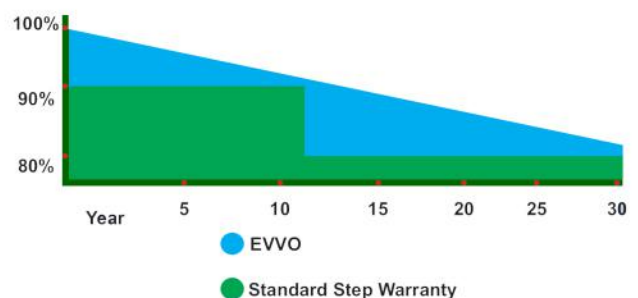


**12** **PRODUCT WARRANTY**



**30** **PERFORMANCE WARRANTY**

### LINEAR PERFORMANCE WARRANTY



### Electrical Specifications (standard test conditions)

Maximum Power -P <sub>MAX</sub> (Wp)	355	360	365	370
Power Tolerance -P <sub>MAX</sub> (W)	0 ~ +5%			
Maximum power point of operating voltage-P <sub>MPP</sub> (V)	38.7	38.9	39.1	39.3
Maximum power point of operating current) -I <sub>MPP</sub> (A)	9.17	9.26	9.35	9.44
Open circuit voltage -V <sub>OC</sub> (V)*	47.0	47.2	47.3	47.5
Short circuit current - IM (A)	9.69	9.79	9.88	9.97
Module Efficiency $\eta_m$ (%)	18.3	18.5	18.8	19.1

Standard test conditions under Measured Value:( air quality AM1.5,Irradiance 1000W / m<sup>2</sup>, cell temperature 25 °C)

### Electrical Index (under nominal operating cell temperature conditions)

Maximum Power -P <sub>MAX</sub> (Wp)	264	268	272	276
Maximum power point of operating voltage-P <sub>MPP</sub> (V)	35.8	35.9	36.1	36.3
Maximum power point of operating current) -I <sub>MPP</sub> (A)	7.40	7.47	7.54	7.61
Open circuit voltage -V <sub>OC</sub> (V)*	43.7	43.8	43.9	44.0
Short circuit current - IM (A)	7.82	7.88	7.92	7.98

NOCT: Irradiance 800W / m<sup>2</sup>, 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 <sub>MAX</sub> ) Temperature Coefficient	- 0.39%/°C	Maximum system voltage	1500V DC (IEC)
Open-c ircuit voltage (VOC) Temperature Coefficient	- 0.29%/°C		1500V DC (UL)
Short circuit current (ISC) Temperature Coefficient	0.05%/°C	Maximum fuse rated Current	15A

### Mechanical Specifications

Solar cell Type	156.75mm x156.75mm Mono-crystalline
Number of Cells	1 module 72pieces (6 x12)
Dimensions	1956 x992 x40 mm
Weight	22.5 kg-26kg(glass 3.2/4.0mm)
Glass	3.2mm/4.0mm, High transparency, anti-reflective coatings toughened glass
Backsheet	White/black
Frame	Silver, anodized aluminum
Junction Box	Protection level IP 68
Cable	4.0 mm <sup>2</sup> , 1200 mm Photovoltaic dedicated cables
Connector	MC4 compatible

Packaging Method  
Modules per box:26 pcs  
Modules per 40 ft container: 624 pcs

\* Installation depends on the mechanical load

### P72 Module Packing

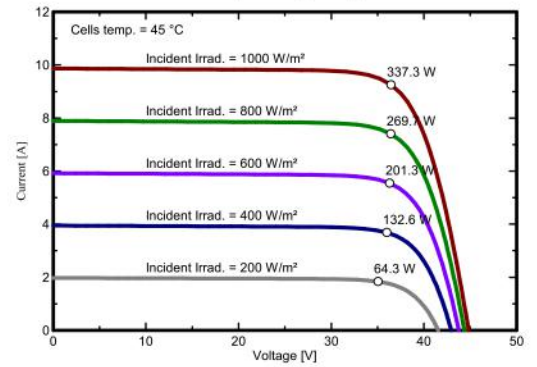
Name	Dimensions (mm)	Weight (kg)
Pallet	1995*1120*145mm	25
Carton Box(26pcs )	1992*1114*1000mm	12
Carton Box (2pcs)	1975*1000*90mm	2.5

Maximum stacking height of P72 Module Packing : 26 pcs per box allow stacking of the same 26 pcs box Plus 2 boxes per box 2pcs :

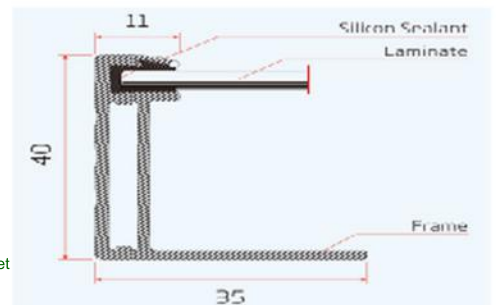
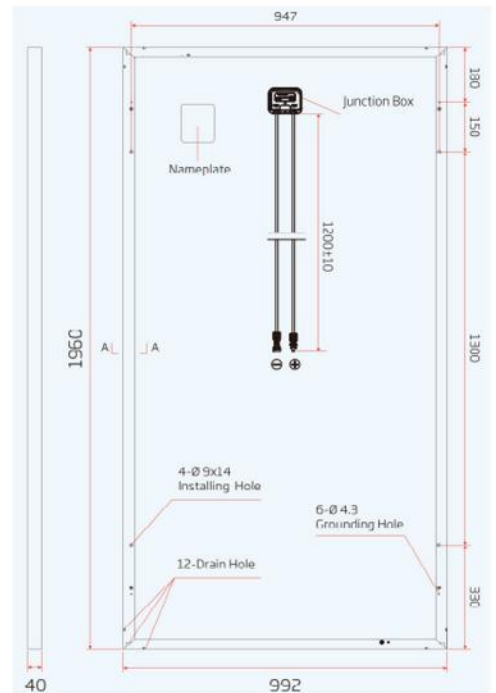
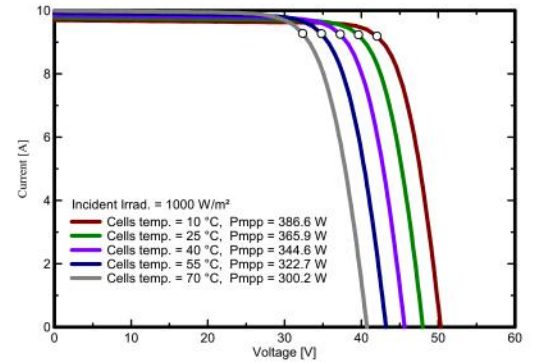
26 pcs single pallet dimension height : 1145mm  
Weight : 713KG

Height of 2 pallet stacking 2 pallet per box 2pcs : 2470mm  
Weight : 1510KG

PV module: EVVO, EVVO\_Mono\_365W-1000



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Authorized Dealer