

# EVVO LARGE DIMENSION PLUS HALF CELL(6X24) MONO SOLAR MODULE

# 430~450W

IG - Series



**Better Temperature Coefficients  
Suitable for Tropical Countries**

## EVVO M672HLP FEATURES



PID Resistance



Better Low-light Performance



9 Bus Bar Half Cut Cell With PERC Technology



0~+5W Positive Tolerance



Strengthened Mechanical Support 5400 Pa  
Snow Load 2400 Pa Wind Load



Higher Power Output



12 YEARS PRODUCT WARRANTY



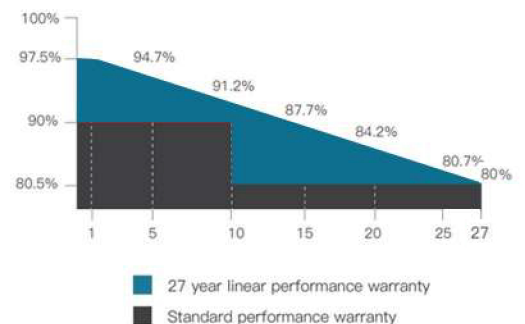
27 YEARS LINEAR PERFORMANCE WARRANTY

# EVVO

The **SOLAR** Experts

WORLD CLASS SOLAR MODULES

### LINEAR PERFORMANCE WARRANTY



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## EVVO Large Dimension Plus Half Cell (6x24) Mono Solar Module

| Module Type                               |         | EVVO-M672 430HLP                     |       | EVVO-M672 435HLP |       | EVVO-M672 440HLP |       | EVVO-M672 445HLP |       | EVVO-M672 450HLP |       |
|---|---------|--------------------------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|
|   |         | STC                                  | NOCT  | STC              | NOCT  | STC              | NOCT  | STC              | NOCT  | STC              | NOCT  |
| Tolerance                                 | (W)     | 0~+5                                 |       |                  |       |                  |       |                  |       |                  |       |
| Module Efficiency                         | (%)     | 19.79                                |       | 20.02            |       | 20.25            |       | 20.48            |       | 20.71            |       |
| Maximum Power                             | Pmax(W) | 430                                  | 318.3 | 435              | 322   | 440              | 325.8 | 445              | 329.5 | 450              | 333.2 |
| Open Circuit Voltage                      | Voc(V)  | 49.22                                | 45.88 | 49.42            | 46.08 | 49.62            | 49.28 | 49.86            | 49.52 | 50.1             | 49.76 |
| Short Circuit Current                     | Isc(A)  | 11.21                                | 9     | 11.28            | 9.06  | 11.35            | 9.11  | 11.41            | 9.16  | 11.48            | 9.22  |
| Maximum Power Voltage                     | Vm(V)   | 40.59                                | 37.48 | 40.79            | 37.68 | 40.99            | 37.88 | 41.19            | 38.07 | 41.39            | 38.26 |
| Maximum Power Current                     | Im(A)   | 10.6                                 | 8.48  | 10.67            | 8.54  | 10.74            | 8.59  | 10.81            | 8.64  | 10.88            | 8.7   |
| Cell Type                                 | (mm)    | 166x83(9BB Mono-Crystalline Silicon) |       |                  |       |                  |       |                  |       |                  |       |
| Number of Cells                           | (Pcs)   | 144(6x24)                            |       |                  |       |                  |       |                  |       |                  |       |
| Maximum System Voltage                    | (V)     | DC1500                               |       |                  |       |                  |       |                  |       |                  |       |
| Temp. Coeff. of Voc                       | (%/°C)  | -0.285                               |       |                  |       |                  |       |                  |       |                  |       |
| Temp. Coeff. of Isc                       | (%/°C)  | 0.055                                |       |                  |       |                  |       |                  |       |                  |       |
| Temp. Coeff. of Pm                        | (%/°C)  | -0.365                               |       |                  |       |                  |       |                  |       |                  |       |
| Operating Temperature                     | °C      | -40 to 85                            |       |                  |       |                  |       |                  |       |                  |       |
| Nominal Operating Cell Temperature (NOCT) | °C      | 45±2                                 |       |                  |       |                  |       |                  |       |                  |       |
| Max. Series Fuse                          | (A)     | 20                                   |       |                  |       |                  |       |                  |       |                  |       |
| Pressure Bearing                          | (Pa)    | 5400                                 |       |                  |       |                  |       |                  |       |                  |       |
| Wind Bearing                              | (Pa)    | 2400                                 |       |                  |       |                  |       |                  |       |                  |       |

STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Wind speed 1m/s

Manufactured in China

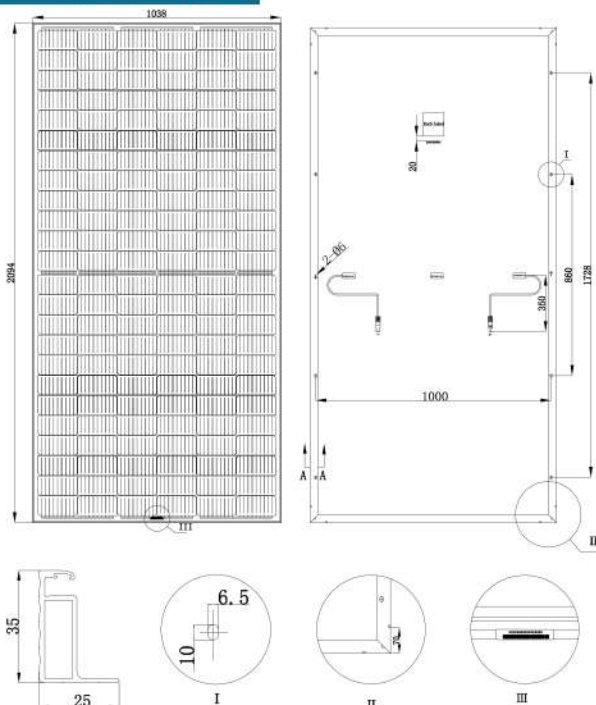
### PACKING DETAILS

|                  |                 |                 |
|------------------|-----------------|-----------------|
| Dimension        | (mm)            | 2094×1038×35    |
| Weight           | (kg)            | 23.5            |
| Loading Capacity | 300 pcs / 20'GP | 726 pcs / 40'HC |
| Packing          | pcs/pallet      | 31              |

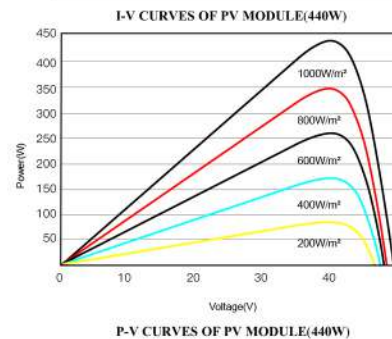
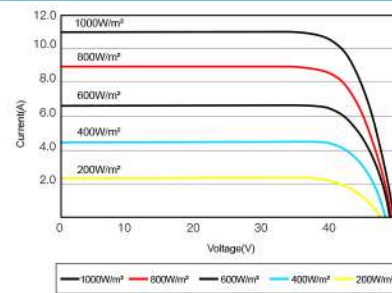
### MATERIAL DETAILS

|                 |  |
|-----------------|--|
| Frame           | Anodized aluminum                          |
| Glass           | 3.2mm low-iron tempered suede glass        |
| Cell            | 6×24pcs 166x83mm mono solar cell           |
| Junction Box    | IP ≥ 68, TÜV & UL                          |
| Diode quantity  | 3  |
| Cable&Connector | 4mm <sup>2</sup> , EVO2 or EVO2 compatible |
| Cable length    | 350mm or as customer's requirements        |

### ENGINEERING DRAWINGS



### IV CURVES



Authorized Dealer