

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

# 430~450W



**Better Temperature Coefficients  
Suitable for Tropical Countries**

## EVVO M672HLP FEATURES

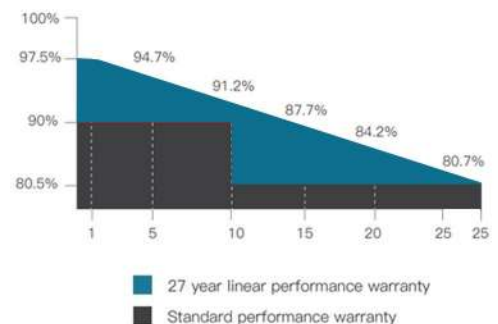
-  PID Resistance
-  Better Low-light Performance
-  9 Bus Bar Half Cut Cell With PERC Technology
-  0~+5W Positive Tolerance
-  Strengthened Mechanical Support 5400 Pa  
Snow Load 2400 Pa Wind Load
-  Higher Power Output
-  **12** YEARS  
PRODUCT WARRANTY
-  **27** YEARS  
LINEAR PERFORMANCE WARRANTY

# EVVO

The **SOLAR** Experts

WORLD CLASS SOLAR MODULES

### LINEAR PERFORMANCE WARRANTY



## 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

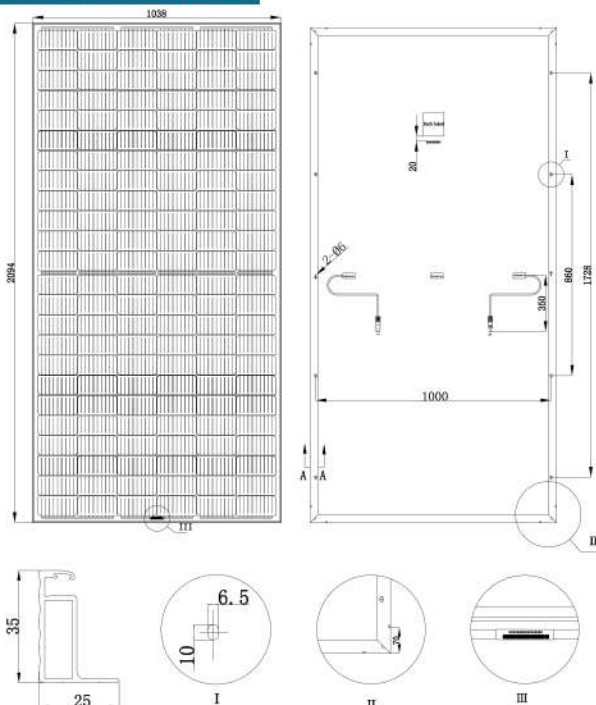
### PACKING DETAILS

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

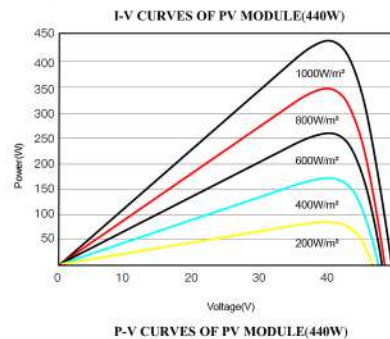
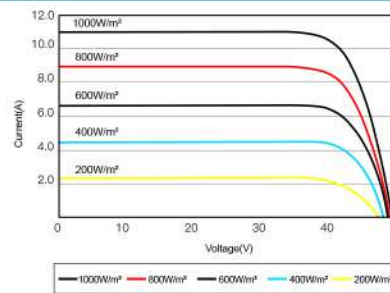
### MATERIAL DETAILS

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



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