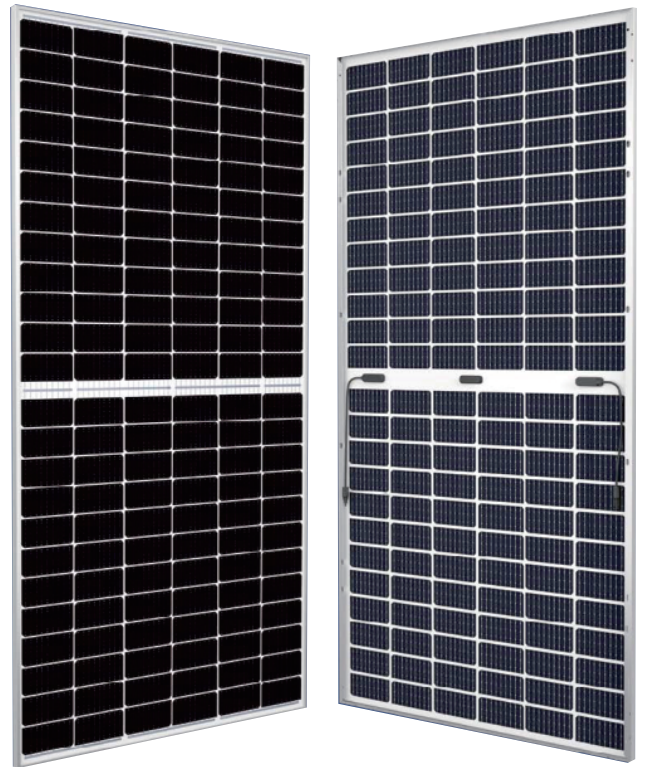




M/ET-PD-EN-EU2022V4  
support@etsolar.hk



**Elite PLUS**

**ET-M672BHTW/TB**  
**435W-455W**

PERC BIFACIAL MODULE

\*MBB can be provided upon request.



**Enhanced safety**  
by excellent fire resistance



**Perfect for sandy,**  
snowy and high latitude regions



**Bifacial technology enables**  
additional energy harvesting  
from rear side(up to 25%)



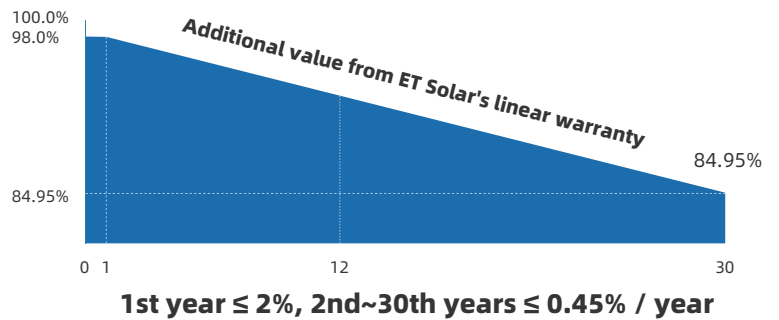
**Lower operating temperature,**  
more reliable



**Cut cell, Less internal power loss,**  
Less mismatch loss

## WARRANTY

ET Solar Mono Module  
Linear Performance Warranty



Guarantee on product  
material and workmanship



Linear power  
output warranty



## ELECTRICAL SPECIFICATIONS

Module Type	ET-M672BH435TW/TB		ET-M672BH440TW/TB		ET-M672BH445TW/TB		ET-M672BH450TW/TB		ET-M672BH455TW/TB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P <sub>mp</sub> (W)	435	326	440	330	445	334	450	338	455	342
Open Circuit Voltage -V <sub>oc</sub> (V)	49.10	46.10	49.20	46.30	49.40	46.50	49.60	46.70	49.80	46.90
Short Circuit Current -I <sub>sc</sub> (A)	11.36	9.22	11.48	9.30	11.52	9.38	11.58	9.46	11.65	9.54
Maximum Power Voltage -V <sub>mp</sub> (V)	40.80	38.00	41.00	38.20	41.20	38.40	41.40	38.60	41.60	38.80
Maximum Power Current -I <sub>mp</sub> (A)	10.66	8.58	10.73	8.64	10.80	8.70	10.87	8.76	10.93	8.82
Module Efficiency STC-η <sub>m</sub> (%)	20.0%		20.2%		20.5%		20.7%		20.9%	
Power Tolerance (W)	(0,+4.99)									
Pmax Temperature Coefficient	-0.340%/°C									
Voc Temperature Coefficient	-0.257%/°C									
Isc Temperature Coefficient	+0.052%/°C									
Fire Performance	Class C(IEC)/Type 1(UL)									

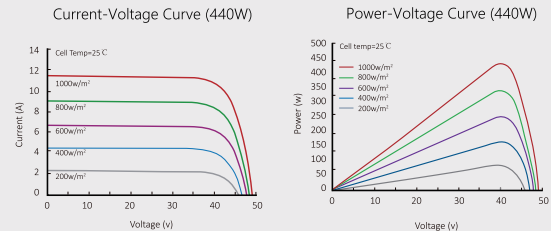
## REAR SIDE POWER GAIN (ET-M672BH445TW)

Power Gain	10%	15%	20%	25%
Maximum Power -P <sub>mp</sub> (W)	490	512	534	556
Open Circuit Voltage -V <sub>oc</sub> (V)	49.40	49.50	49.50	49.50
Short Circuit Current -I <sub>sc</sub> (A)	12.67	13.24	13.82	14.40
Maximum Power Voltage -V <sub>mp</sub> (V)	41.20	41.30	41.30	41.30
Maximum Power Current -I <sub>mp</sub> (A)	11.88	12.42	12.96	13.50

## MECHANICAL SPECIFICATIONS

External Dimension	2094 x 1038 x 35mm
Weight	23kg
Solar Cells	PERC Mono crystalline 166 x 83mm (144pcs)
Front Glass	3.2mm AR coating tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable Length (Including Connector)	4.0 mm <sup>2</sup> (12AWG), Portrait:255mm(+)/355mm(-);Or customized
Connector	MC4 Compatible
Power Bifaciality*	70%±10%

## CURVE



## APPLICATION CONDITIONS

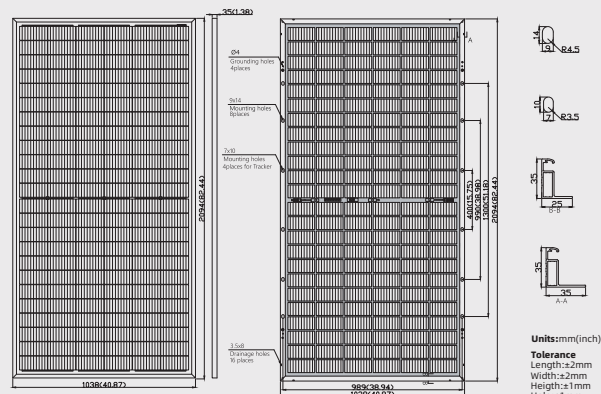
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

## PACKING MANNER

Container	40'HQ
Pieces per Pallet	31
Size of packing (mm)	2130*1130*1168
Weight of packing (kg)	750
Pieces per Container	737

## PHYSICAL CHARACTERISTICS

Unit:mm



\* The above drawing is a graphical representation of the product. For engineering quality drawings please contact ET Solar.

**Note:** the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800 W/m<sup>2</sup>, 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum. Please contact [support@etsolar.hk](mailto:support@etsolar.hk) for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.