



PERC BIFACIAL PV MODULE

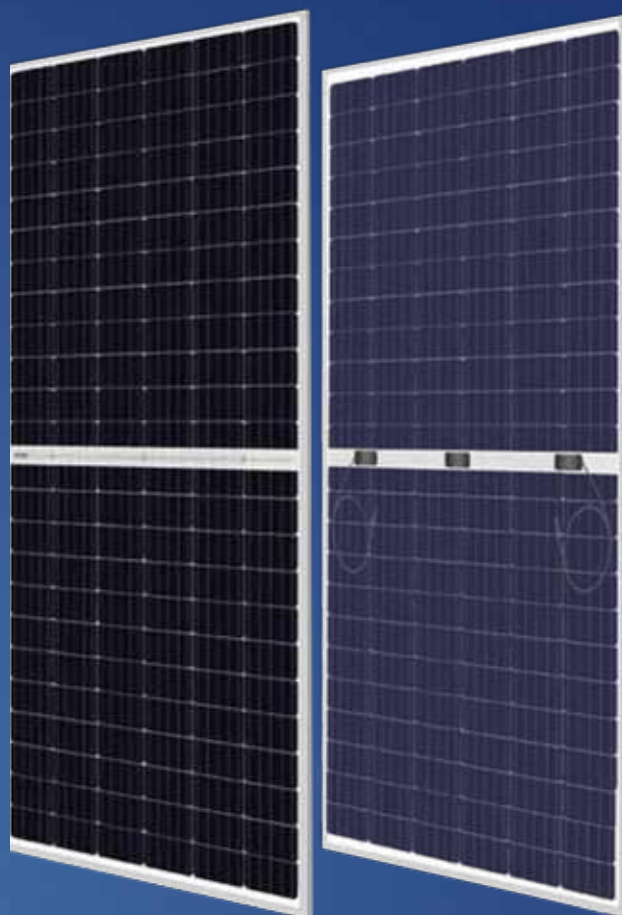
ET-M672BH415TW/TB 415W

ET-M672BH420TW/TB 420W

ET-M672BH425TW/TB 425W

ET-M672BH430TW/TB 430W

ET-M672BH435TW/TB 435W



FRONT

BACK

KEY FEATURES



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%)

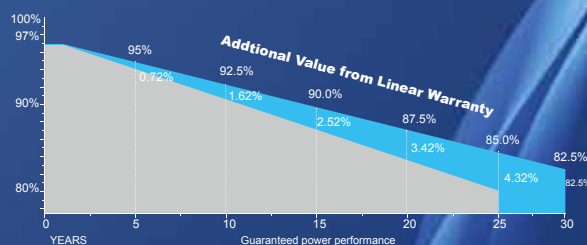


Lower operating temperature, more reliable



Cut cell, Less internal power loss, Less mismatch loss

WARRANTY



25 25-years Linear Performance Warranty

10 10-years Product Material & workmanship

ELECTRICAL SPECIFICATIONS

Module Type	ET-M672BH415TW ET-M672BH415TB		ET-M672BH420TW ET-M672BH420TB		ET-M672BH425TW ET-M672BH425TB		ET-M672BH430TW ET-M672BH430TB		ET-M672BH435TW ET-M672BH435TB	
STC/ NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P _{mp} (W)	415	308.6	420	312.3	425	316.0	430	319.7	435	323.5
Open Circuit Voltage -V _{oc} (V)	49.0	45.6	49.2	45.8	49.4	46.0	49.6	46.2	49.8	46.4
Short Circuit Current -I _{sc} (A)	10.89	8.82	10.96	8.87	11.02	8.93	11.09	8.98	11.16	9.04
Maximum Power Voltage -V _{mp} (V)	40.6	37.7	40.8	37.9	41.0	38.1	41.2	38.2	41.4	38.4
Maximum Power Current -I _{mp} (A)	10.23	8.19	10.30	8.25	10.37	8.30	10.44	8.36	10.51	8.42
Module Efficiency STC-η _m (%)	18.5%		18.7%		19.0%		19.2%		19.4%	
Power Tolerance (W)					(0, +4.99)					
Pmax Temperature Coefficient					-0.370%/°C					
Voc Temperature Coefficient					-0.300 %/°C					
Isc Temperature Coefficient					+0.060 %/°C					

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5

REAR SIDE POWER GAIN (ET-M672BH425TW)

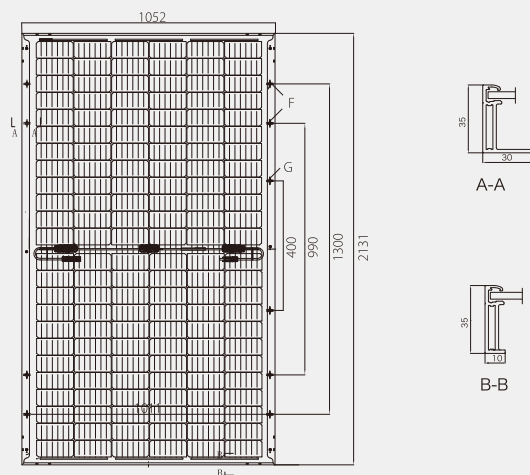
Power Gain	10%	15%	20%	25%	30%
Maximum Power -P _{mp} (W)	446	468	489	510	531
Open Circuit Voltage -V _{oc} (V)	49.4	49.4	49.5	49.5	49.5
Short Circuit Current -I _{sc} (A)	11.58	12.13	12.68	13.23	13.78
Maximum Power Voltage -V _{mp} (V)	41.0	41.0	41.1	41.1	41.1
Maximum Power Current -I _{mp} (A)	10.88	11.04	11.92	12.44	12.96

MECHANICAL SPECIFICATIONS

External Dimension	2131 x 1052 x 35mm
Weight	24kg
Solar Cells	PERC Mono crystalline 166 x 83 mm (144pcs)
Front Glass	3.2mm AR coating tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67, 3 diodes
Output Cables	4.0 mm ² , Portrait:255mm(+)/355mm(-) Or customized
Connector	MC4 Compatible

PHYSICAL CHARACTERISTICS

Unit:mm



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

APPLICATION CONDITIONS

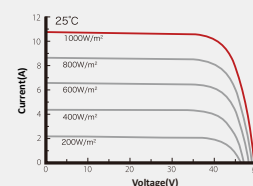
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	20A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa

PACKING MANNER

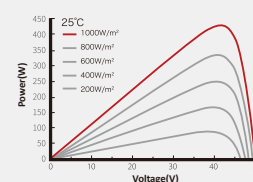
Container	40'HQ
Pieces per Pallet	30
Pallets per Container	22
Pieces per Container	660

CURVE

Current-Voltage Curve (425W)



Power-Voltage Curve (425W)



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800 W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact 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.