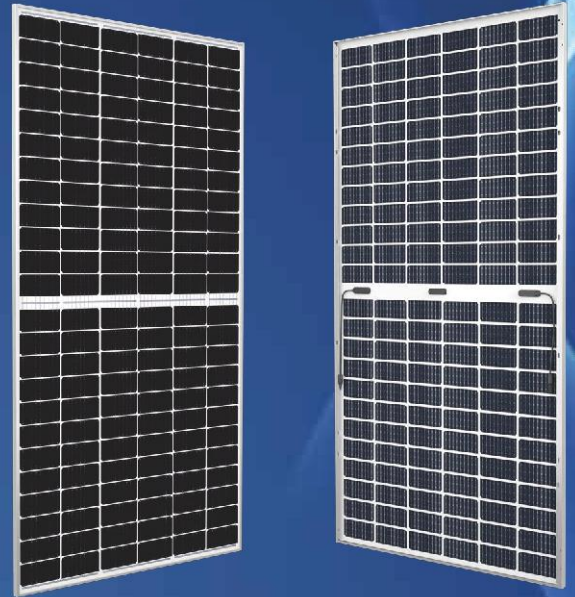


# EliTe PLUS

## PERC BIFACIAL PV MODULE

|                |      |
|----------------|------|
| ET-M672BH400TW | 400W |
| ET-M672BH405TW | 405W |
| ET-M672BH410TW | 410W |
| ET-M672BH415TW | 415W |
| ET-M672BH420TW | 420W |



\*5BB and 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%)

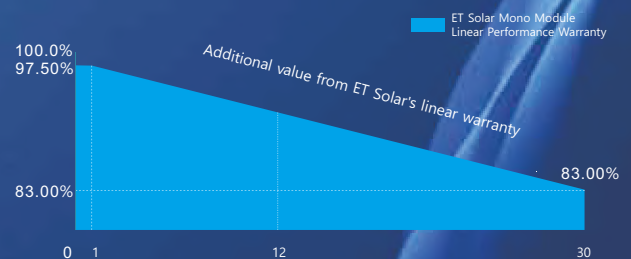


Lower operating temperature, more reliable



Cut cell, Less internal power loss, Less mismatch loss

### WARRANTY



IEC61215  
IEC61730  
UL61215  
UL61730



Guarantee on product material and workmanship



linear power output warranty

ET SOLAR  
sales@etsolar.gr

## ELECTRICAL SPECIFICATIONS

| Module Type                         | ET-M672BH400TW           |       | ET-M672BH405TW |       | ET-M672BH410TW |       | ET-M672BH415TW |       | ET-M672BH420TW |       |
|-------------------------------------|--------------------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|
|                                     | STC                      | NOCT  | STC            | NOCT  | STC            | NOCT  | STC            | NOCT  | STC            | NOCT  |
| Maximum Power $-P_{mp}$ (W)         | 400                      | 302   | 405            | 306   | 410            | 310   | 415            | 314   | 420            | 318   |
| Open Circuit Voltage $-V_{oc}$ (V)  | 49.70                    | 48.50 | 49.80          | 48.70 | 49.90          | 48.90 | 50.00          | 49.10 | 50.05          | 49.30 |
| Short Circuit Current $-I_{sc}$ (A) | 10.34                    | 8.16  | 10.44          | 8.22  | 10.54          | 8.26  | 10.64          | 8.30  | 10.73          | 8.34  |
| Maximum Power Voltage $-V_{mp}$ (V) | 41.70                    | 39.60 | 42.10          | 39.80 | 42.50          | 40.00 | 42.90          | 40.20 | 43.05          | 40.40 |
| Maximum Power Current $-I_{mp}$ (A) | 9.60                     | 7.66  | 9.62           | 7.72  | 9.65           | 7.76  | 9.67           | 7.82  | 9.76           | 7.88  |
| Module Efficiency STC $\eta_m$ (%)  | 19.9%                    |       | 20.1%          |       | 20.4%          |       | 20.6%          |       | 20.9%          |       |
| Power Tolerance (W)                 | (0, +4.99)               |       |                |       |                |       |                |       |                |       |
| Pmax Temperature Coefficient        | -0.331%/°C               |       |                |       |                |       |                |       |                |       |
| Voc Temperature Coefficient         | -0.257%/°C               |       |                |       |                |       |                |       |                |       |
| Isc Temperature Coefficient         | +0.052%/°C               |       |                |       |                |       |                |       |                |       |
| Fire Performance                    | Class C(TUV)/Type 1(ETL) |       |                |       |                |       |                |       |                |       |

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25°C AM=1.5

## REAR SIDE POWER GAIN ( ET-M672BH410TW )

|                          |       |       |       |       |
|--------------------------|-------|-------|-------|-------|
| Power Gain               | 10%   | 15%   | 20%   | 25%   |
| Maximum Power -P         | 451   | 472   | 492   | 513   |
| Open Circuit Voltage -V  | 50.10 | 50.10 | 50.10 | 50.10 |
| Short Circuit Current -I | 11.28 | 11.79 | 12.30 | 12.81 |
| Maximum Power Voltage -V | 42.55 | 42.55 | 42.55 | 42.55 |
| Maximum Power Current -I | 10.60 | 11.08 | 11.54 | 12.02 |

## MECHANICAL SPECIFICATIONS

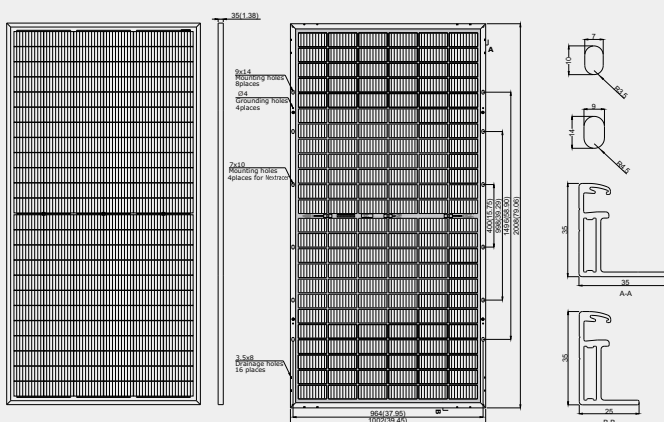
|                    |   |
|--------------------|---|
| External Dimension | 2008 x 1002 x 35mm  |
| Weight             | 22.5kg  |
| Solar Cells        | PERC Mono crystalline 158.75 x 79.38 mm (144pcs)                      |
| Front Glass        | 3.2mm AR coating tempered glass, low iron                             |
| Frame              | Anodized aluminium alloy  |
| Junction Box       | IP68  |
| Output Cables      | 4.0 mm <sup>2</sup> (12AWG), Portrait:255mm(+)/355mm(-);Or customized |
| Connector          | MC4 Compatible  |

## 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     |

## PHYSICAL CHARACTERISTICS

Unit:mm



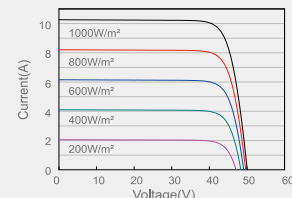
\* The above drawing is a graphical representation of the product. For engineering quality drawings please contact ET Solar.

## PACKING MANNER

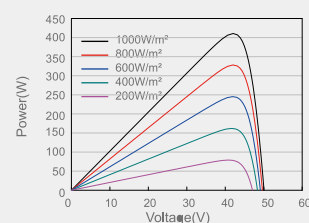
|                       |       |
|-----------------------|-------|
| Container             | 40'HQ |
| Pieces per Pallet     | 31    |
| Pallets per Container | 22    |
| Pieces per Container  | 737   |

## CURVE

Current-Voltage Curves (410W)



Power-Voltage Curves (410W)



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 [sales@etsolar.gr](mailto:sales@etsolar.gr) 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.