

# ELITE PLUS

## PERC BIFACIAL

### PV MODULE

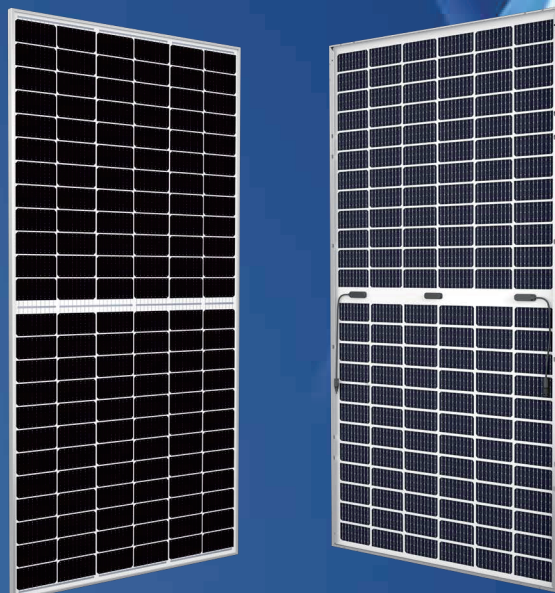
ET-M772BH530GL 530W

ET-M772BH535GL 535W

ET-M772BH540GL 540W

ET-M772BH545GL 545W

ET-M772BH550GL 550W



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%)

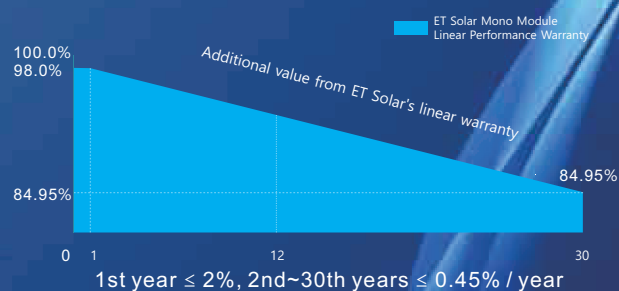


Lower operating temperature, more reliable



Cut cell, Less internal power loss, Less mismatch loss

## WARRANTY



IEC61215  
IEC61730  
UL61215  
UL61730



Munich RE



Guarantee on product material and workmanship



linear power output warranty

ET SOLAR  
support@etsolar.hk

**ET** Solar

M/ET-PD-EN-EU2022V2

## ELECTRICAL SPECIFICATIONS

| Module Type                                | ET-M772BH530GL           |       | ET-M772BH535GL |       | ET-M772BH540GL |       | ET-M772BH545GL |       | ET-M772BH550GL |       |
|--------------------------------------------|--------------------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|
| STC/NOCT                                   | STC                      | NOCT  | STC            | NOCT  | STC            | NOCT  | STC            | NOCT  | STC            | NOCT  |
| Maximum Power -P <sub>mp</sub> (W)         | 530                      | 398   | 535            | 401   | 540            | 405   | 545            | 409   | 550            | 413   |
| Open Circuit Voltage -V <sub>oc</sub> (V)  | 49.30                    | 46.20 | 49.45          | 46.24 | 49.60          | 46.28 | 49.75          | 46.32 | 49.90          | 46.36 |
| Short Circuit Current -I <sub>sc</sub> (A) | 13.72                    | 11.29 | 13.79          | 11.38 | 13.86          | 11.46 | 13.93          | 11.54 | 14.00          | 11.62 |
| Maximum Power Voltage -V <sub>mp</sub> (V) | 41.31                    | 37.18 | 41.47          | 37.24 | 41.64          | 37.30 | 41.80          | 37.36 | 41.96          | 37.42 |
| Maximum Power Current -I <sub>mp</sub> (A) | 12.83                    | 10.69 | 12.91          | 10.77 | 12.97          | 10.86 | 13.04          | 10.94 | 13.11          | 11.03 |
| Module Efficiency STC-η <sub>m</sub> (%)   | 20.5%                    |       | 20.7%          |       | 20.9%          |       | 21.1%          |       | 21.3%          |       |
| 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 A(IEC)/Type 29(UL) |       |                |       |                |       |                |       |                |       |

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

## REAR SIDE POWER GAIN (ET-M772BH535GL)

|                                            |       |       |       |       |
|--------------------------------------------|-------|-------|-------|-------|
| Power Gain                                 | 10%   | 15%   | 20%   | 25%   |
| Maximum Power -P <sub>mp</sub> (W)         | 589   | 615   | 642   | 669   |
| Open Circuit Voltage -V <sub>oc</sub> (V)  | 49.06 | 49.06 | 49.06 | 49.06 |
| Short Circuit Current -I <sub>sc</sub> (A) | 15.13 | 15.81 | 16.50 | 17.19 |
| Maximum Power Voltage -V <sub>mp</sub> (V) | 42.67 | 42.67 | 42.67 | 42.67 |
| Maximum Power Current -I <sub>mp</sub> (A) | 13.79 | 14.42 | 15.05 | 15.68 |

## MECHANICAL SPECIFICATIONS

|                                       |                                                                       |
|---------------------------------------|-----------------------------------------------------------------------|
| External Dimension                    | 2278 x 1134 x 35mm                                                    |
| Weight                                | 32kg                                                                  |
| Solar Cells                           | PERC Mono crystalline 182 x 91 mm (144pcs)                            |
| Front Glass/Black Glass               | 2.0mm/2.0mm                                                           |
| Frame                                 | Anodized aluminium alloy                                              |
| Junction Box                          | IP68, 3 diodes                                                        |
| Cable Length<br>(Including Connector) | 4.0 mm <sup>2</sup> (12AWG), Portrait:300mm(+)/400mm(-);Or customized |
| Connector                             | MC4 Compatible                                                        |
| Power Bifaciality*                    | 70%±10%                                                               |

## APPLICATION CONDITIONS

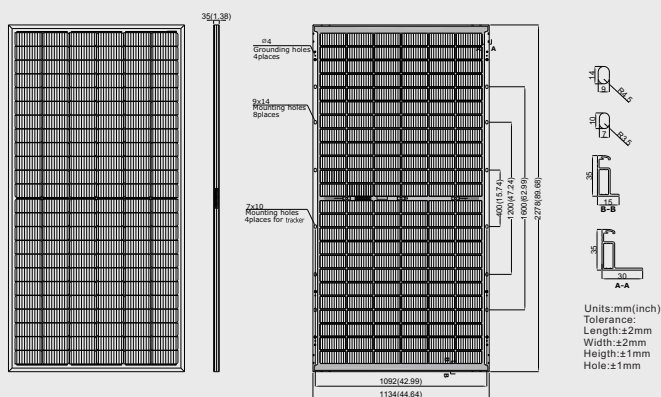
|                                    |               |
|------------------------------------|---------------|
| Maximum System Voltage             | 1500VDC       |
| Maximum Series Fuse Rating         | 30A           |
| Operating Temperature              | -40~+85 °C    |
| Nominal Operating Cell Temperature | 45±2 °C       |
| Mechanical Load                    | 5400Pa/2400Pa |

## PACKING MANNER

|                       |       |
|-----------------------|-------|
| Container             | 40'HQ |
| Pieces per Pallet     | 31    |
| Pallets per Container | 20    |
| Pieces per Container  | 620   |

## PHYSICAL CHARACTERISTICS

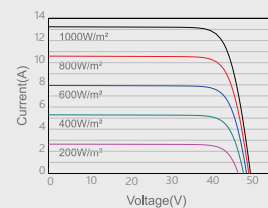
Unit:mm



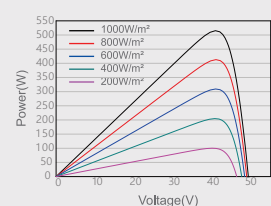
\* The above drawing is a graphical representation of the product.  
For engineering quality drawings please contact ET Solar.

## CURVE

Current-Voltage Curve (530W)



Power-Voltage Curve (530W)



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.