



M/ET-PD-EN2024Y2  
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**ET-NR66TBHGL**

**605W-625W**

N Type BIFACIAL MODULE



#### SMBB Technology

Uses advanced technology to enhance light trapping and optimize current collection, resulting in increased module power output and reliability.



#### PID Resistance

Excellent Anti-PID performance guarantees via optimized mass-production process and materials control.



#### Increased Power Output

Module power increases approximately 5-25% , resulting in significantly lower LCOE and higher IRR.



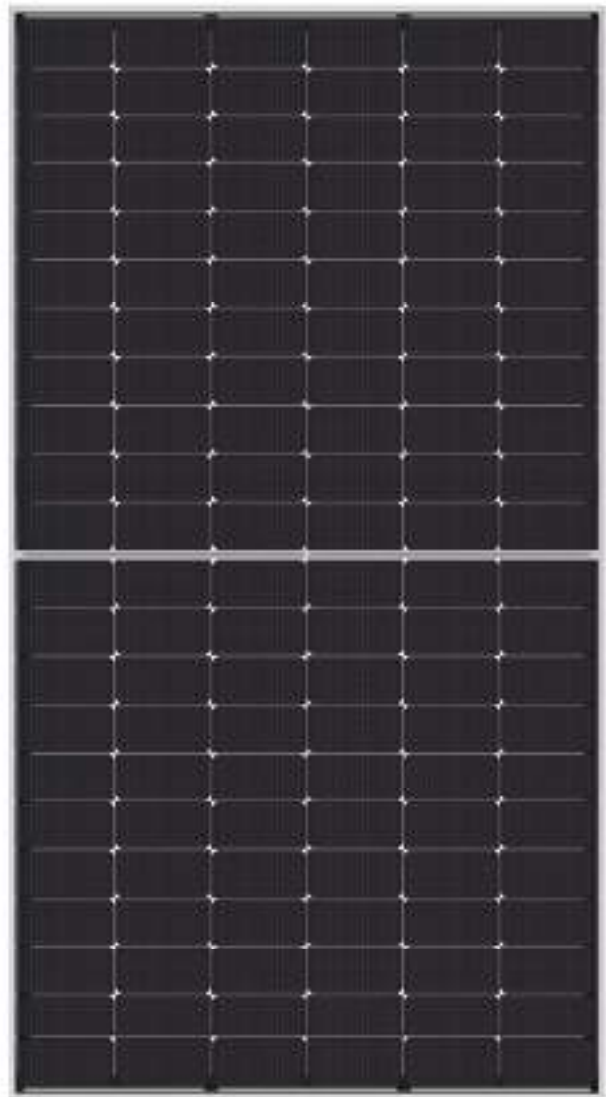
#### Lower temperature coefficient

The temperature coefficient of Pmax is  $-0.30\%/^{\circ}\text{C}$ , increases energy yield in hot climate.

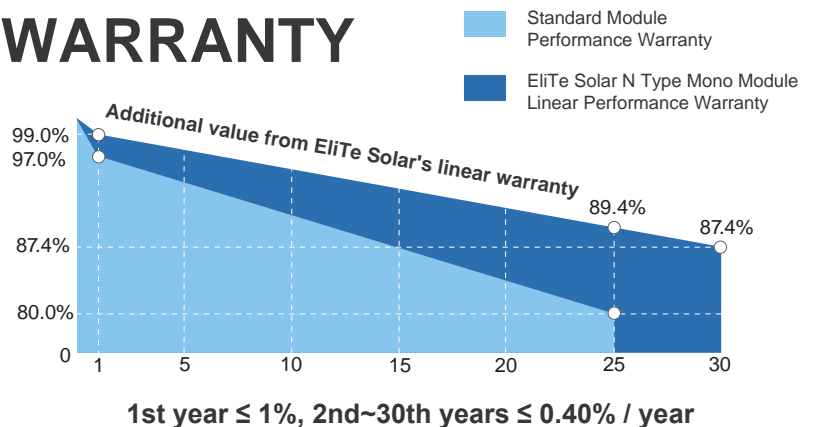


#### Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



## WARRANTY



**15**  
YEARS

Guarantee on product  
material and workmanship

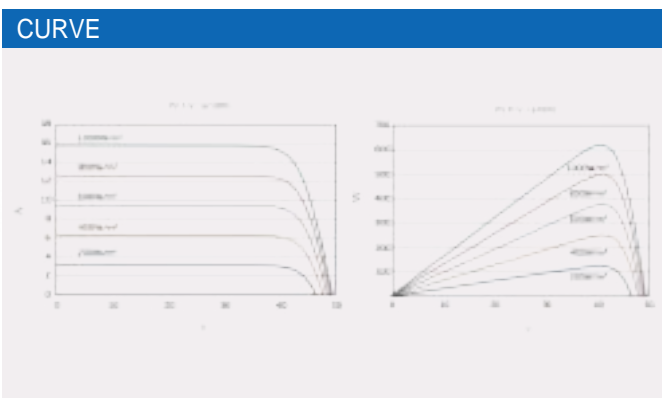
**30**  
YEARS

Linear power  
output warranty

| ELECTRICAL SPECIFICATIONS                  |                 |                 |                 |                 |                 |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|
| Module Type                                | ET-NR66TBH605GL | ET-NR66TBH610GL | ET-NR66TBH615GL | ET-NR66TBH620GL | ET-NR66TBH625GL |
| STC/NOCT                                   | STC             | STC             | STC             | STC             | STC             |
| Maximum Power -P <sub>mp</sub> (W)         | 605             | 610             | 615             | 620             | 625             |
| Open Circuit Voltage -V <sub>oc</sub> (V)  | 47.70           | 47.90           | 48.10           | 48.30           | 48.50           |
| Short Circuit Current -I <sub>sc</sub> (A) | 15.83           | 15.86           | 15.89           | 15.91           | 15.92           |
| Maximum Power Voltage -V <sub>mp</sub> (V) | 40.50           | 40.80           | 41.10           | 41.40           | 41.70           |
| Maximum Power Current -I <sub>mp</sub> (A) | 14.94           | 14.96           | 14.98           | 14.99           | 15.00           |
| Module Efficiency STC-η <sub>m</sub> (%)   | 22.40%          | 22.58%          | 22.77%          | 22.95%          | 23.14%          |
| Power Tolerance (W)                        | 0-+3%           |                 |                 |                 |                 |
| Pmax Temperature Coefficient               | -0.30%/°C       |                 |                 |                 |                 |
| Voc Temperature Coefficient                | -0.22%/°C       |                 |                 |                 |                 |
| Isc Temperature Coefficient                | +0.042%/°C      |                 |                 |                 |                 |
| Fire Performance                           | Type 29(UL)     |                 |                 |                 |                 |

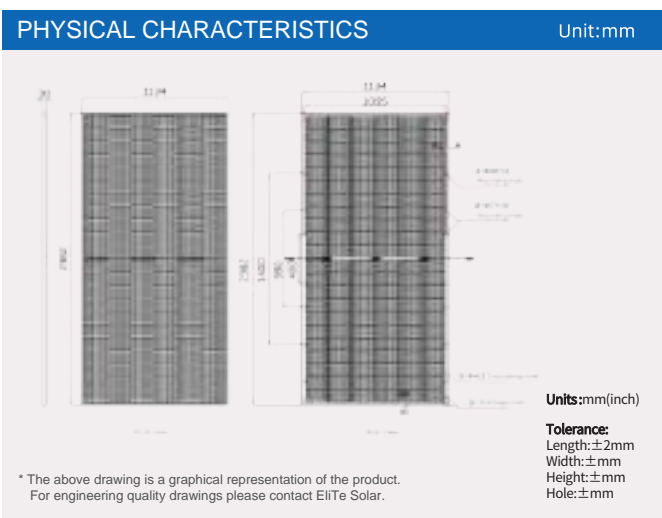
| ELECTRICAL SPECIFICATIONS(NOCT)            |                 |                 |                 |                 |                 |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|
| Module Type                                | ET-NR66TBH605GL | ET-NR66TBH610GL | ET-NR66TBH615GL | ET-NR66TBH620GL | ET-NR66TBH625GL |
| Maximum Power -P <sub>mp</sub> (W)         | 461             | 465             | 469             | 472             | 476             |
| Open Circuit Voltage -V <sub>oc</sub> (V)  | 45.81           | 45.97           | 46.13           | 46.30           | 46.46           |
| Short Circuit Current -I <sub>sc</sub> (A) | 12.85           | 12.90           | 12.95           | 13.00           | 13.05           |
| Maximum Power Voltage -V <sub>mp</sub> (V) | 37.77           | 37.93           | 38.09           | 38.25           | 38.41           |
| Maximum Power Current -I <sub>mp</sub> (A) | 12.20           | 12.25           | 12.30           | 12.35           | 12.40           |

| MECHANICAL SPECIFICATIONS             |   |
|---------------------------------------|---|
| External Dimension                    | 2382×1134×30mm (93.78×44.65×1.18 inch)                                |
| Weight                                | 32.5kg  |
| Solar Cells                           | N Type 182 x 105 mm (132pcs)  |
| Front Glass/Back 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:200mm(+)/400mm(-);Or customized |
| Connector                             | MC4 Compatible  |
| Power Bifaciality*                    | 80%±5%  |



| 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      | 36             |
| Size of packing (mm)   | 2400*1110*1240 |
| Weight of packing (kg) | 1220           |
| Pieces per Container   | 720/540(NA)    |



**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 [info@elite-solar.com](mailto:info@elite-solar.com) for technical support. The actual transactions will be subject to the contracts. This parameter is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.