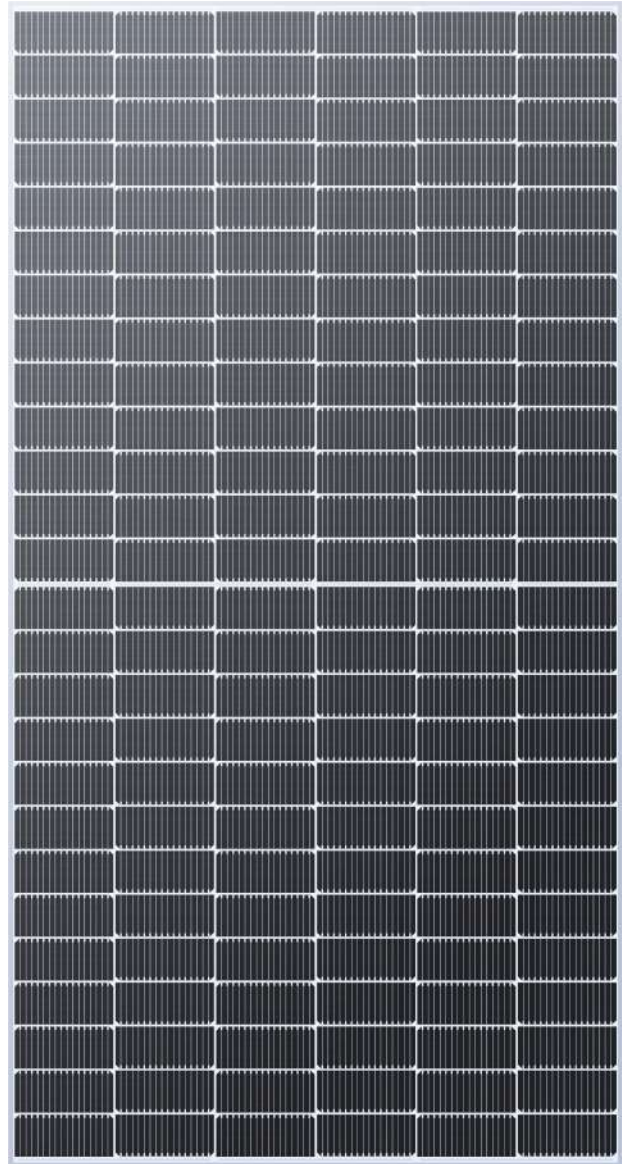




M/ET-PD-EN2024V2  
info@elite-solar.com



**ET-N778TBHGL**  
**615W-635W**

N-Type BIFACIAL MODULE



**Advanced Technology**

N-Type M10 wafer, TOPCon solar cells, high-density interconnect technology.



**Increased Performance**

Well-suited for use in environments characterized by high reflectivity, elevated temperatures, scarce land availability, and substantial labor expenses.



**Increased Power Generation**

Lower degradation, increased bifaciality, and lower temperature coefficient improves energy yields.



**Increased Value**

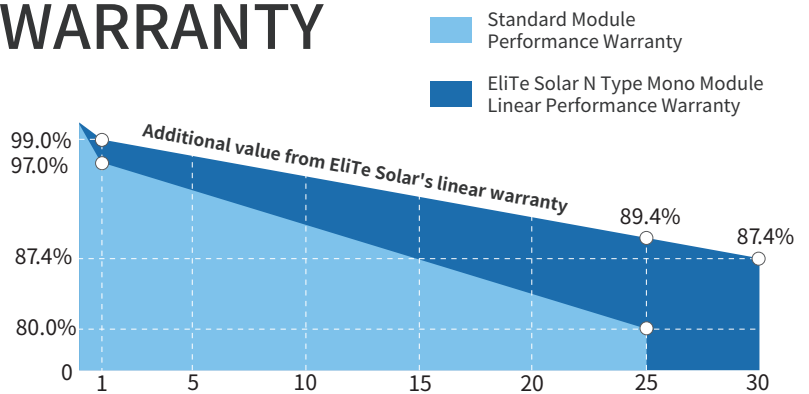
Increased efficiency results in decreased LCOE and BOS costs.



**Severe Weather Resilience**

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

**WARRANTY**



1st year ≤ 1%, 2nd~30th years ≤ 0.40% / year



Guarantee on product material and workmanship



Linear power output warranty

IEC61215  
IEC61730  
UL61215  
UL61730



## ELECTRICAL SPECIFICATIONS

Module Type	ET-N778TBH615GL		ET-N778TBH620GL		ET-N778TBH625GL		ET-N778TBH630GL		ET-N778TBH635GL	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P <sub>mp</sub> (W)	615	462	620	466	625	470	630	474	635	478
Open Circuit Voltage -V <sub>oc</sub> (V)	55.89	53.10	56.09	53.29	56.29	53.48	56.49	53.67	56.69	53.86
Short Circuit Current -I <sub>sc</sub> (A)	13.59	10.97	13.64	11.01	13.69	11.05	13.74	11.09	13.79	11.13
Maximum Power Voltage -V <sub>mp</sub> (V)	47.94	45.12	48.12	45.29	48.27	45.42	48.43	45.58	48.59	45.75
Maximum Power Current -I <sub>mp</sub> (A)	12.83	10.24	12.89	10.29	12.95	10.35	13.01	10.40	13.07	10.45
Module Efficiency STC-η <sub>m</sub> (%)	22.0%		22.2%		22.4%		22.5%		22.7%	
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)									

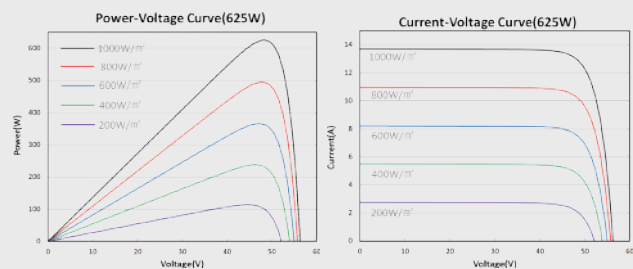
## REAR SIDE POWER GAIN (ET-N778TBH625GL)

Power Gain	10%	15%	20%	25%
Maximum Power -P <sub>mp</sub> (W)	688	719	750	781
Open Circuit Voltage -V <sub>oc</sub> (V)	56.29	56.29	56.29	56.29
Short Circuit Current -I <sub>sc</sub> (A)	14.92	15.6	16.27	16.93
Maximum Power Voltage -V <sub>mp</sub> (V)	48.27	48.27	48.27	48.27
Maximum Power Current -I <sub>mp</sub> (A)	14.26	14.9	15.54	16.18

## MECHANICAL SPECIFICATIONS

External Dimension	2465 x 1134 x 30mm
Weight	35kg
Solar Cells	N Type 182 x 91 mm (156pcs)
Front Glass/Back Glass	2.0mm/2.0mm
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length (Including Connector)	4.0 mm <sup>2</sup> (12AWG), Portrait:200mm(+)/400mm(-);Or customized
Connector	MC4 Compatible
Power Bifaciality*	80%±10%

## CURVE



## APPLICATION CONDITIONS

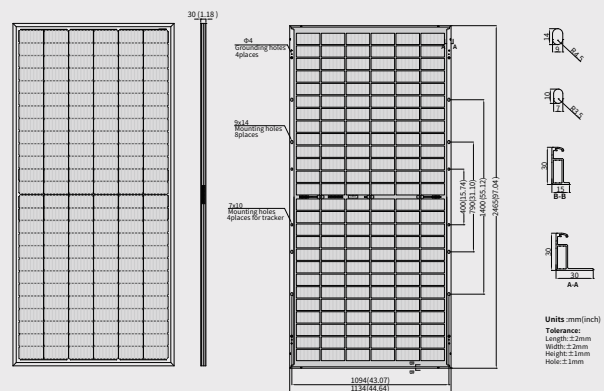
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

## PACKING MANNER

Container	40' HQ
Pieces per Pallet	36
Size of packing (mm)	2487*1130*1264
Weight of packing (kg)	1303
Pieces per Container	576/504(NA)

## PHYSICAL CHARACTERISTICS

Unit:mm



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