

182N-Type

**22.9%**

Maximum Efficiency

**495W**

Maximum Power Output

**ET-N760TBHXXXGB**

XXX:Power Output Range 475-495W

**30 YEARS** Linear power output warranty

**12 YEARS** Guarantee on product material and workmanship

The module picture is for reference only

## Product Features



**Modern Appearance**  
Sleek black design crafted for enhanced aesthetics and seamless integration into buildings.

**Increased module conversion efficiency**  
Module efficiency up to 23.0% achieved through advanced cell technology and manufacturing processes.

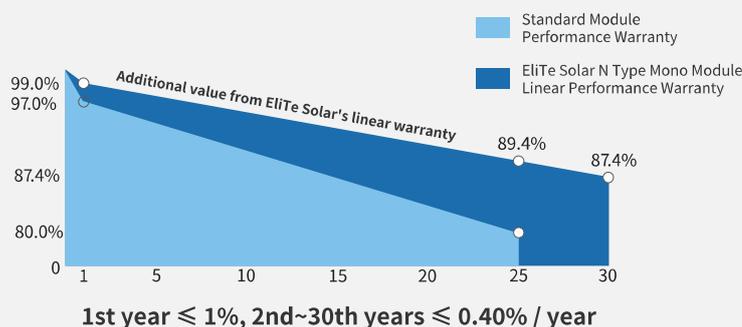
**Zero LID(Light Induced Degradation)**  
N-type solar cells inherently lack Light Induced Degradation (LID), thereby enhancing power output.

**Enhanced Low-Light Performance Response**  
Enhanced performance in low-light conditions, ensuring superior power output even amidst cloudy or foggy weather.

**Enhanced Versatility**  
Smaller size optimized for irregular and complex terrain.



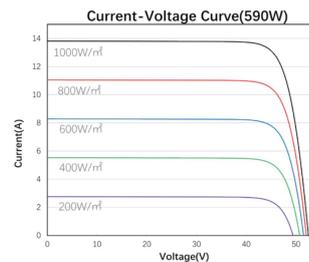
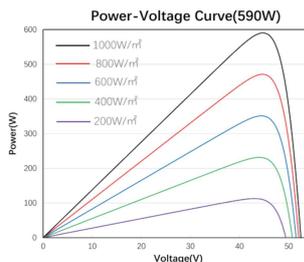
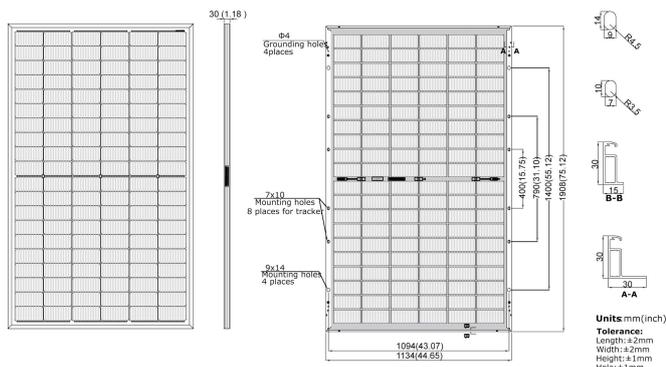
## About warranty



**PHYSICAL CHARACTERISTICS**

Unit:mm/inch

**CURVE**



**ELECTRICAL SPECIFICATIONS**

STC : AM1.5 1000W/m<sup>2</sup> 25°C. NOCT : AM1.5 800W/m<sup>2</sup> 20°C 1m/s.

Module Type	ET-N760TBH475GB		ET-N760TBH480GB		ET-N760TBH485GB		ET-N760TBH490GB		ET-N760TBH495GB	
	STC	NOCT								
Maximum Power -P <sub>mp</sub> (W)	475	357	480	361	485	365	490	368	495	372
Open Circuit Voltage -V <sub>oc</sub> (V)	43.07	40.92	43.27	41.11	43.47	41.30	43.67	41.49	43.87	41.68
Short Circuit Current -I <sub>sc</sub> (A)	13.62	10.99	13.67	11.03	13.73	11.08	13.79	11.13	13.85	11.18
Maximum Power Voltage -V <sub>mp</sub> (V)	36.97	34.80	37.13	34.95	37.28	35.10	37.44	35.23	37.59	35.37
Maximum Power Current -I <sub>mp</sub> (A)	12.85	10.26	12.93	10.33	13.01	10.40	13.09	10.45	13.17	10.52
Module Efficiency STC-η <sub>m</sub> (%)	22.0%		22.2%		22.4%		22.6%		22.9%	
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-N760TBH485GB)**

Power Gain	10%	15%	20%	25%
Maximum Power -P <sub>mp</sub> (W)	534	558	582	606
Open Circuit Voltage -V <sub>oc</sub> (V)	43.47	43.47	43.47	43.47
Short Circuit Current -I <sub>sc</sub> (A)	14.95	15.63	16.31	16.97
Maximum Power Voltage -V <sub>mp</sub> (V)	37.28	37.28	37.28	37.28
Maximum Power Current -I <sub>mp</sub> (A)	14.33	14.97	15.62	16.26

**MECHANICAL SPECIFICATIONS**

External Dimension	1908 x 1134 x 30mm/75.12 x 44.65 x 1.18inch
Weight	27kg/59.52lbs
Solar Cells	N-Type Mono-crystalline(120pcs)
Front Glass/Black Glass	2.0mm/2.0mm(0.08inch)
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length	4.0 mm <sup>2</sup> (12AWG), Portrait:200mm(+)/400mm(-); Or customized
Connector	MC4 Compatible
Power Bifaciality*	80%±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	36
Size of packing (mm/inch)	1944*1130*1264/76.54*44.49*49.76
Weight of packing (kg/lbs)	1012/2231.08
Pieces per Container (Normal/Weight-limited area)	864/684(NA)

Please contact info@elite-solar.com for technical support. This parameter is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.