

182N-Type

23.1%

Maximum Efficiency

500W

Maximum Power Output

ET-N760TBHXXXGL

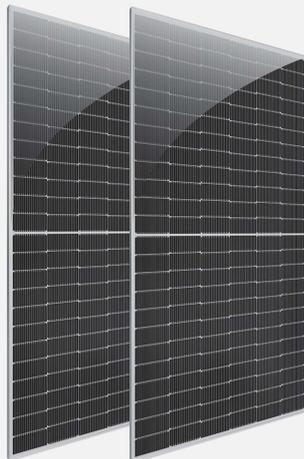
XXX:Power Output Range 480-500W

30 YEARS Linear power output warranty

12 YEARS Guarantee on product material and workmanship

The module picture is for reference only

Product Features



Advanced Technology
N-Type M10 wafer
High density interconnect technology.

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

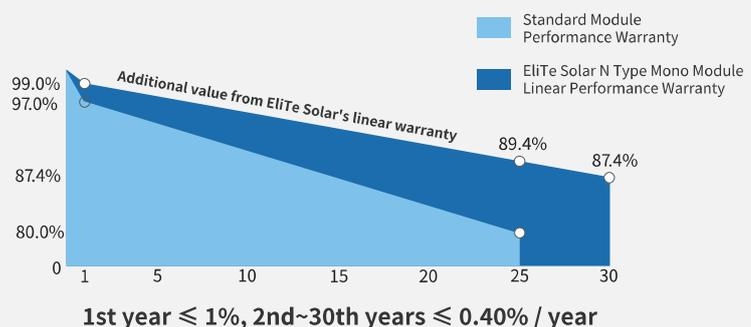
Higher Power Generation
Lower degradation, higher bifaciality and lower temperature coefficient improve energy yield.

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).



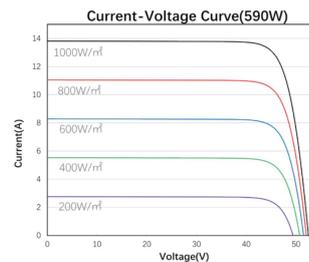
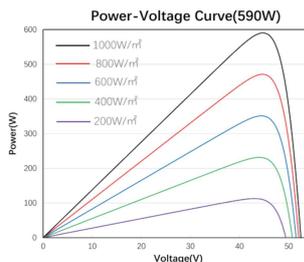
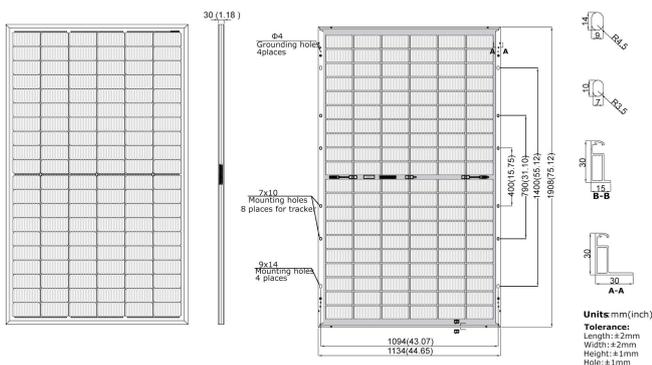
About warranty



PHYSICAL CHARACTERISTICS

Unit:mm/inch

CURVE



ELECTRICAL SPECIFICATIONS

STC : AM1.5 1000W/m² 25°C. NOCT : AM1.5 800W/m² 20°C 1m/s.

Module Type	ET-N760TBH480GL		ET-N760TBH485GL		ET-N760TBH490GL		ET-N760TBH495GL		ET-N760TBH500GL	
	STC	NOCT								
Maximum Power -P _{mp} (W)	480	361	485	365	490	368	495	372	500	376
Open Circuit Voltage -V _{oc} (V)	43.27	41.11	43.47	41.30	43.67	41.49	43.87	41.68	44.07	41.87
Short Circuit Current -I _{sc} (A)	13.67	11.03	13.73	11.08	13.79	11.13	13.85	11.18	13.90	11.22
Maximum Power Voltage -V _{mp} (V)	37.13	34.95	37.28	35.10	37.44	35.23	37.59	35.37	37.74	35.51
Maximum Power Current -I _{mp} (A)	12.93	10.33	13.01	10.40	13.09	10.45	13.17	10.52	13.25	10.59
Module Efficiency STC-η _m (%)	22.2%		22.4%		22.6%		22.9%		23.1%	
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-N760TBH490GL)

Power Gain	10%	15%	20%	25%
Maximum Power -P _{mp} (W)	539	564	588	613
Open Circuit Voltage -V _{oc} (V)	43.67	43.67	43.67	43.67
Short Circuit Current -I _{sc} (A)	15.02	15.73	16.40	17.09
Maximum Power Voltage -V _{mp} (V)	37.44	37.44	37.44	37.44
Maximum Power Current -I _{mp} (A)	14.40	15.07	15.71	16.38

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 ² (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.