

182N-Type

23.2%

Maximum Efficiency

600W

Maximum Power Output

ET-N772TBHXXXGL

XXX:Power Output Range 580-600W

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, TOPCon solar cell, 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.



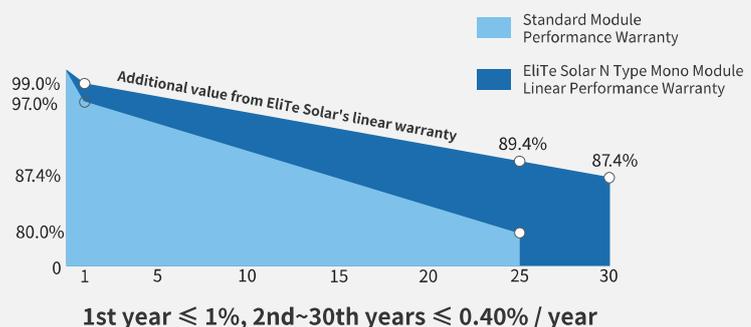
Increased Value
 Increased efficiency results in decreased LCOE and BOS costs



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



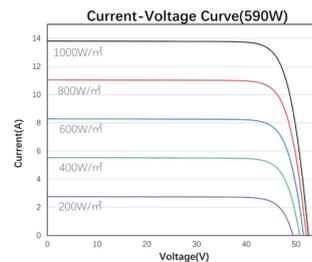
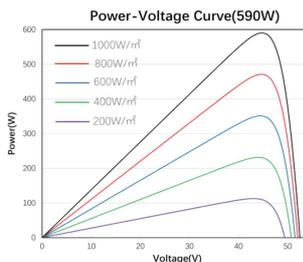
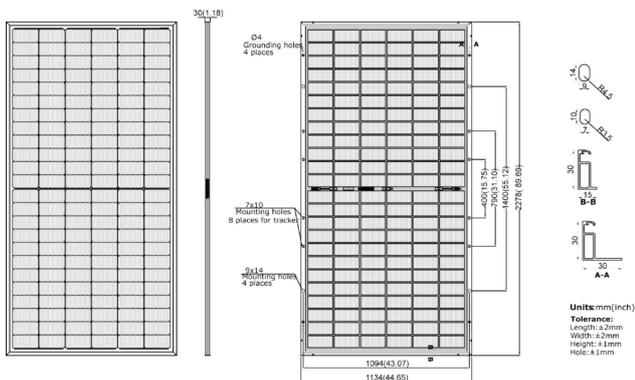
About warranty



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-N772TBH580GL		ET-N772TBH585GL		ET-N772TBH590GL		ET-N772TBH595GL		ET-N772TBH600GL	
	STC	NOCT								
Maximum Power -P _{mp} (W)	580	436	585	440	590	444	595	447	600	451
Open Circuit Voltage -V _{oc} (V)	52.08	49.48	52.28	49.67	52.48	49.86	52.68	50.05	52.88	50.24
Short Circuit Current -I _{sc} (A)	13.72	11.07	13.76	11.10	13.81	11.14	13.86	11.19	13.90	11.22
Maximum Power Voltage -V _{mp} (V)	44.72	42.09	44.90	42.26	45.08	42.42	45.25	42.58	45.42	42.74
Maximum Power Current -I _{mp} (A)	12.97	10.36	13.03	10.41	13.09	10.47	13.15	10.50	13.21	10.55
Module Efficiency STC-η _m (%)	22.5%		22.6%		22.8%		23.0%		23.2%	
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-N772TBH590GL)

Power Gain	10%	15%	20%	25%
Maximum Power -P _{mp} (W)	649	679	708	738
Open Circuit Voltage -V _{oc} (V)	52.48	52.48	52.48	52.48
Short Circuit Current -I _{sc} (A)	15.02	15.72	16.40	17.08
Maximum Power Voltage -V _{mp} (V)	45.08	45.08	45.08	45.08
Maximum Power Current -I _{mp} (A)	14.40	15.06	15.71	16.37

MECHANICAL SPECIFICATIONS

External Dimension	2278 x 1134 x 30mm/89.69 x 44.65 x 1.18inch
Weight	32kg/70.55lbs
Solar Cells	N-Type Mono-crystalline(144pcs)
Front Glass/Back 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)	2300*1130*1264/90.55*44.49*49.76
Weight of packing (kg/lbs)	1195/2634.52
Pieces per Container (Normal/Weight-limited area)	720/576

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.