

182N-Type

23.2%

Maximum Efficiency

600W

Maximum Power Output

ET-N772TBHXXXGL

XXX:Power Output Range 580-600W

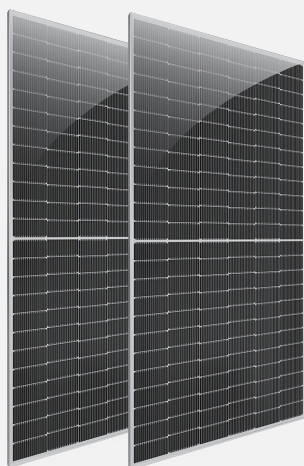
30
YEARS Linear power
output warranty

12
YEARS Guarantee on product
material and workmanship



M/ET-PD-EN2025S2
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Product Features



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



Increased Value
Increased efficiency results in decreased
LCOE and BOS costs



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

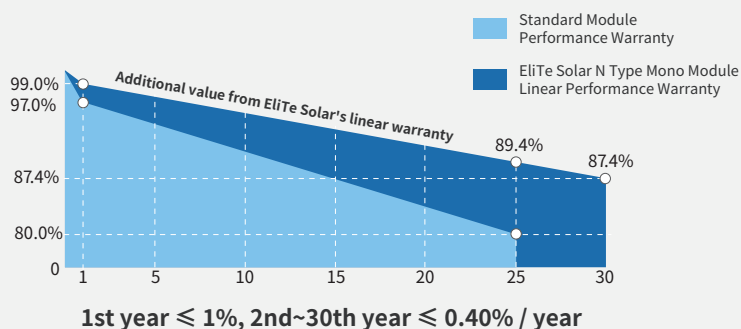


Severe Weather Resilience
Certified to withstand: wind load (2400
Pascal) and snow load (5400 Pascal).
Tested to withstand hail strikes of up to
55mm.



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

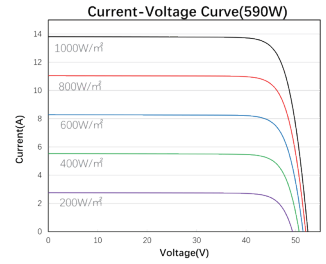
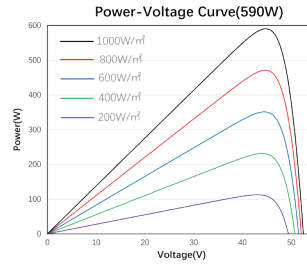
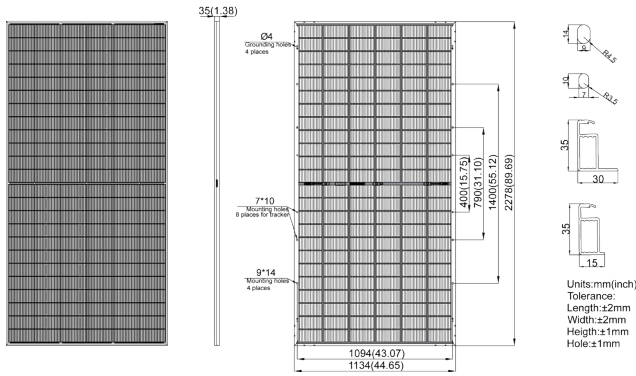
WARRANTY INFORMATION



PHYSICAL CHARACTERISTICS

Unit:mm/inch

CURVE



ELECTRICAL SPECIFICATIONS

STC : AM1.5 1000W/m² 25°C. NOCT : AM1.5 800W/m² 20°C 1m/s. Test uncertainty for Pmax: ±3%.

Module Type	ET-N772TBH580GL		ET-N772TBH585GL		ET-N772TBH590GL		ET-N772TBH595GL		ET-N772TBH600GL	
STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	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 35mm/89.69 x 44.65 x 1.38inch
Weight	39.5kg/87.08lbs
Solar Cells	N-Type Mono-crystalline(144pcs)
Front Glass/Back Glass	2.5mm/2.5mm(0.10inch)
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length	4.0 mm²(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
Hailstone Test	55mm hailstone at 33.9m/s

PACKAGING

Container	40' HQ
Pieces per Pallet	31
Size of packing (mm/inch)	2300*1120*1264/90.55*44.09*49.76
Weight of packing (kg/lbs)	1224.5/2700
Pieces per Container (Normal/Weight-limited area)	465

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.