

VANTA

ET-N772TBH580-600GL

23.2%

Maximum Efficiency

580-600W

Maximum Power Output



Engineered to withstand hail impact up to 55mm.



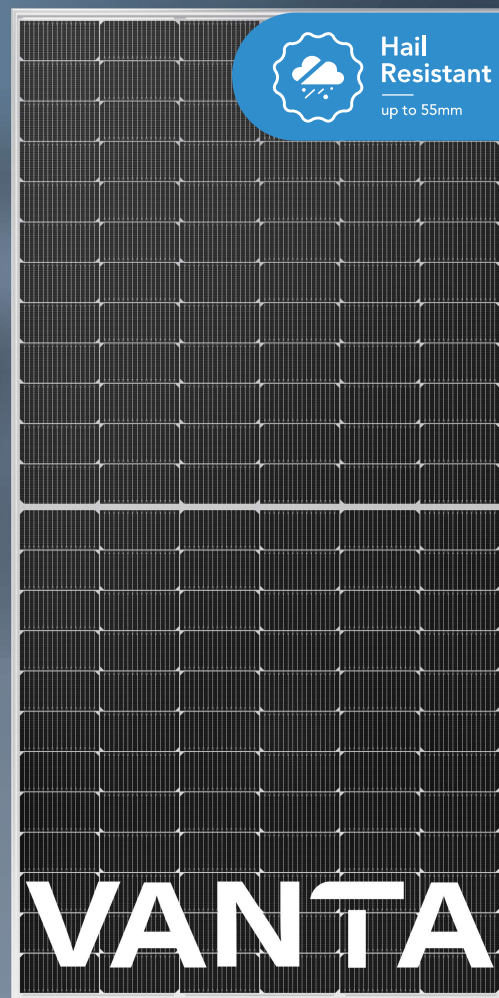
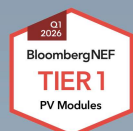
Low microcrack risk with power loss as low as 0.3%.



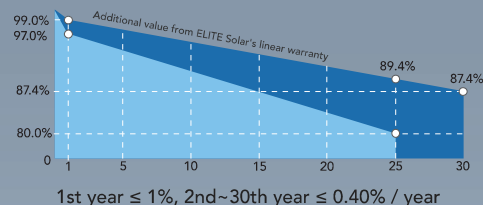
High-performance glass for enhanced impact and fire resistance.



UL61215
UL61730



Standard Module Performance Warranty ELITE Solar N Type Mono Module Linear Performance Warranty



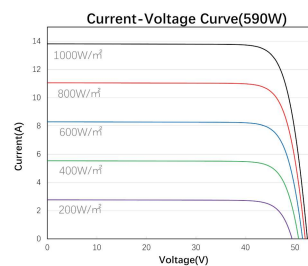
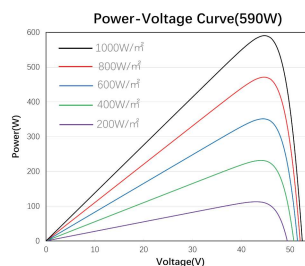
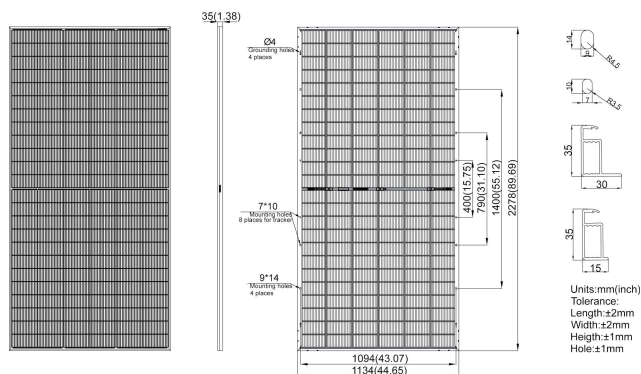
Guarantee on product material and workmanship



Linear power output warranty

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	40.2kg/88.63lbs
Solar Cells	N-Type Mono-crystalline(144pcs)
Front Glass/Back Glass	3.2mm/2.0mm(0.13inch/0.08inch)
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length	4.0 mm ² (12AWG), Portrait:200mm(+)/400mm(-); Or customized
Connector	CD2/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*1130*1264/90.55*44.49*49.76
Weight of packing (kg/lbs)	1288.2/2839.99
Pieces per Container (Normal Weight limited area)	434

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.