

VANTA P

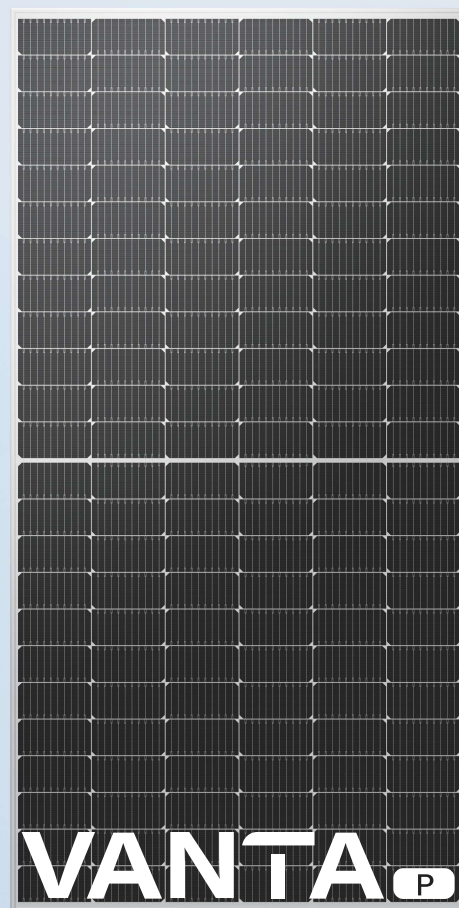
ET-M772BH540-560TW/TB

21.67%

Maximum Efficiency

540-560W

Maximum Power Output



Increased Efficiency

Increased module conversion efficiency from half cut cell structure (low resistance characteristic, decreased mismatch loss).



Increased Power Generation

Bifacial technology enables additional energy harvesting from rear side (up to 25%)



PID Resistance

Excellent Anti-PID performance guarantees limited power degradation for mass production.

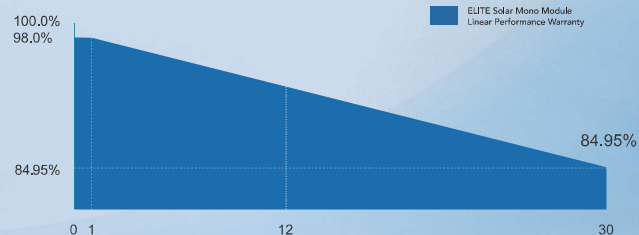


Severe Weather Resilience

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



IEC61215
IEC61730
UL61215
UL61730



1st year ≤ 2%, 2nd ~ 30th year ≤ 0.45%/year



Guarantee on product material and workmanship

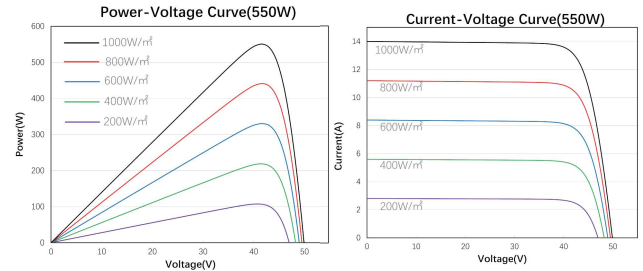
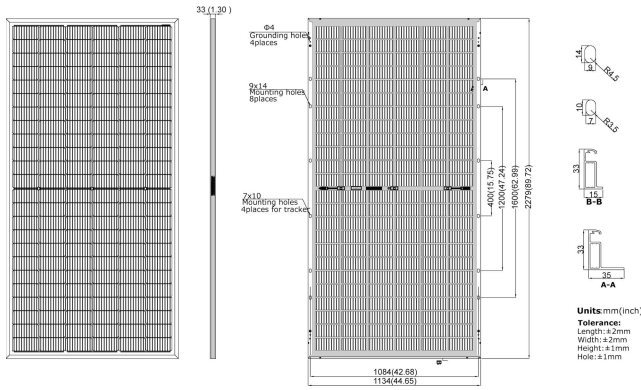


Linear power output warranty

PHYSICAL CHARACTERISTICS

Unit:mm/inch

CURVE



ELECTRICAL SPECIFICATIONS

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

Module Type	ET-M772BH540TW		ET-M772BH545TW		ET-M772BH550TW		ET-M772BH555TW		ET-M772BH560TW	
	ET-M772BH540TB		ET-M772BH545TB		ET-M772BH550TB		ET-M772BH555TB		ET-M772BH560TB	
STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P _{mp} (W)	540	405	545	409	550	413	555	417	560	421
Open Circuit Voltage -V _{oc} (V)	49.60	46.28	49.75	46.32	49.90	46.36	50.05	46.40	50.20	46.44
Short Circuit Current -I _{sc} (A)	13.86	11.46	13.93	11.54	14.00	11.62	14.07	11.70	14.14	11.78
Maximum Power Voltage -V _{mp} (V)	41.64	37.30	41.80	37.36	41.96	37.42	42.11	37.48	42.27	37.54
Maximum Power Current -I _{mp} (A)	12.97	10.86	13.04	10.94	13.11	11.03	13.18	11.12	13.25	11.21
Module Efficiency STC-η _m (%)	20.89%		21.09%		21.28%		21.48%		21.67%	
Power Tolerance (W)	0~+3%									
Pmax Temperature Coefficient	-0.339%/°C									
Voc Temperature Coefficient	-0.251%/°C									
Isc Temperature Coefficient	+0.046%/°C									
Fire Performance	Class C(TUV)Type 1(UL)									

REAR SIDE POWER GAIN (ET-M772BH550TW/TB)

Power Gain	10%	15%	20%	25%
Maximum Power -P _{mp} (W)	605	632	660	687
Open Circuit Voltage -V _{oc} (V)	49.90	49.90	49.90	49.90
Short Circuit Current -I _{sc} (A)	15.24	15.97	16.64	17.34
Maximum Power Voltage -V _{mp} (V)	41.96	41.96	41.96	41.96
Maximum Power Current -I _{mp} (A)	14.42	15.09	15.73	16.40

MECHANICALSPECIFICATIONS

External Dimension	2279 x 1134 x 33mm/89.72 x 44.65 x 1.30inch
Weight	27.5kg/60.63lbs
Solar Cells	P-Type Mono-crystalline(144pcs)
Front Glass	3.2mm(0.13inch)
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length	4.0 mm²(12AWG), Portrait:200mm(+)/400mm(-); Or customized
Connector	CD2/MC4 Compatible
Power Bifaciality*	70%±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

PACKAGING

Container	40'HQ
Pieces per Pallet	33
Size of packing (mm/inch)	2300*1130*1264/90.55*44.49*49.76
Weight of packing (kg/lbs)	949.5/2093.29
Pieces per Container	660

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.