

182P-Type

21.86%

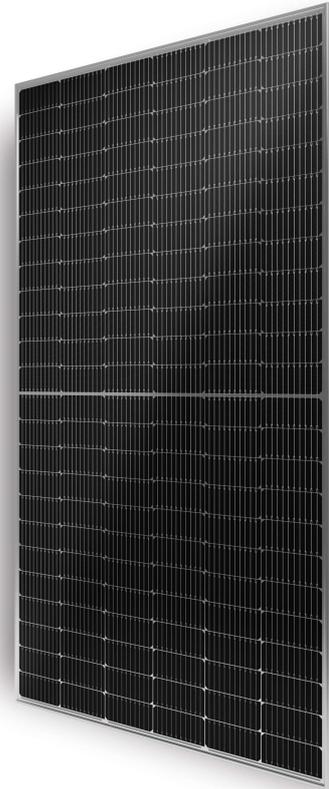
Maximum Efficiency

565W

Maximum Power Output

ET-M772BHXXXWW/WB

XXX:Power Output Range 545-565W



Increased Efficiency

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



MBB Solar Cell

Revamped circuitry featuring reduced internal current distances, minimizing resistance losses.



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).

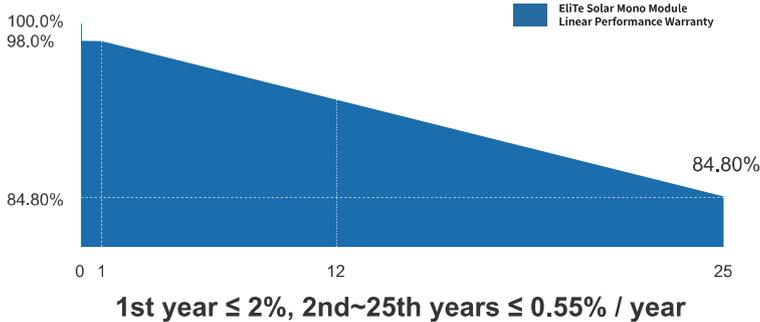


Durability Against Extreme Environmental Conditions

Exceptional durability against salt mist and ammonia exposure.



WARRANTY



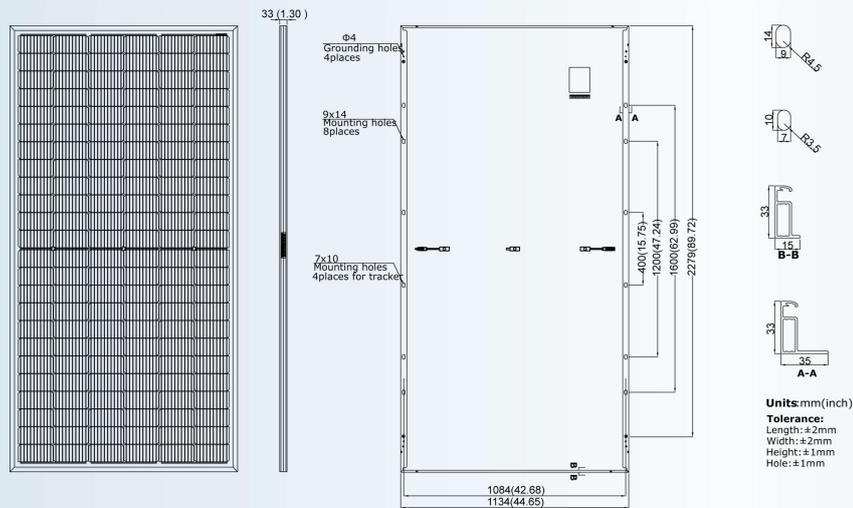
Linear power output warranty



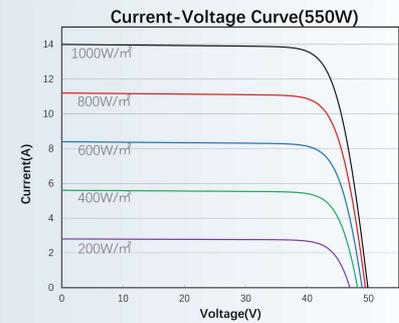
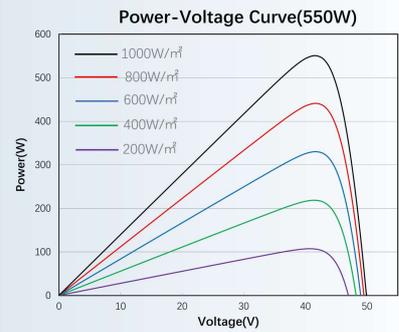
Guarantee on product material and workmanship

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-M772BH545WW/WB		ET-M772BH550WW/WB		ET-M772BH555WW/WB		ET-M772BH560WW/WB		ET-M772BH565WW/WB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P _{mp} (W)	545	409	550	413	555	417	560	421	565	425
Open Circuit Voltage -V _{oc} (V)	49.75	46.32	49.90	46.36	50.05	46.40	50.20	46.44	50.35	46.48
Short Circuit Current -I _{sc} (A)	13.93	11.54	14.00	11.62	14.07	11.70	14.14	11.78	14.21	11.86
Maximum Power Voltage -V _{mp} (V)	41.80	37.36	41.96	37.42	42.11	37.48	42.27	37.54	42.42	37.62
Maximum Power Current -I _{mp} (A)	13.04	10.94	13.11	11.03	13.18	11.12	13.25	11.21	13.32	11.30
Module Efficiency STC-η _m (%)	21.09%		21.28%		21.48%		21.67%		21.86%	
Power Tolerance(W)					0-+3%					
Pmax Temperature Coefficient					-0.340%/°C					
Voc Temperature Coefficient					-0.263%/°C					
Isc Temperature Coefficient					+0.054%/°C					
Fire Performance					Class C(TUV)/Type 1(UL)					

MECHANICAL SPECIFICATIONS

External Dimension	2279 x 1134 x 33mm 89.72x 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 mm ² (12AWG), Portrait:200mm(+)/400mm(-); Or customized
Connector	MC4 Compatible

APPLICATION CONDITIONS

Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER

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 (Normal/Weight-limited area)	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.