

182P-Type

21.64%

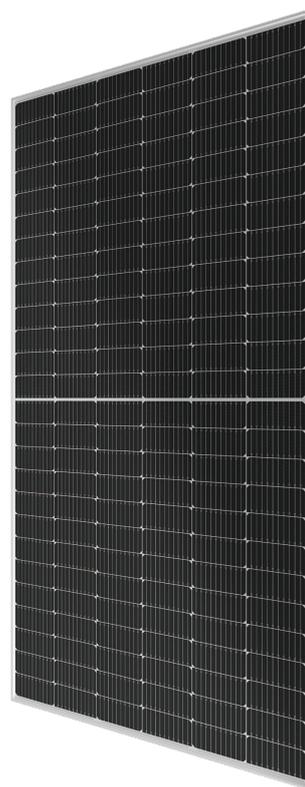
Maximum Efficiency

605W

Maximum Power Output

ET-M778BHXXXGL

XXX:Power Output Range 585-605W



Increased Power Generation

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



Increased Efficiency

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



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).

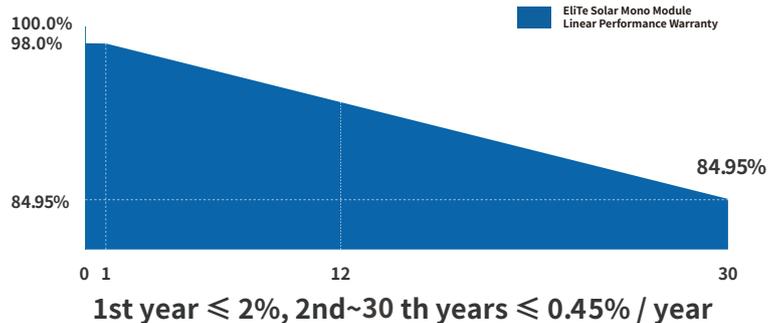


Durability Against Extreme Environmental Conditions

Exceptional durability against salt mist and ammonia exposure.



WARRANTY



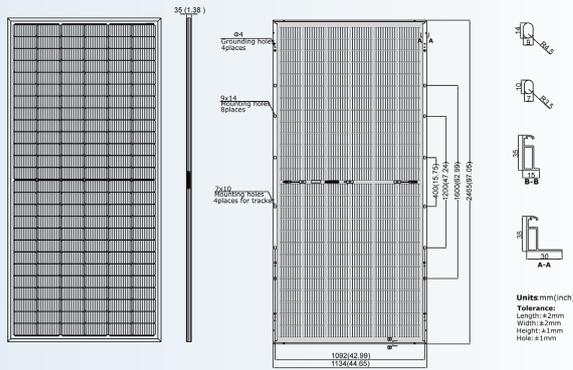
Linear power output warranty



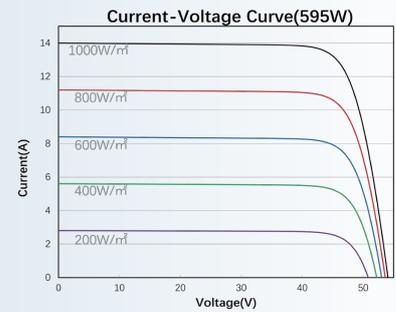
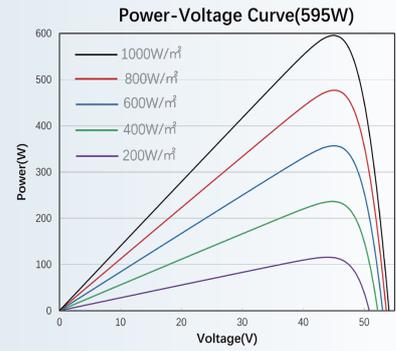
Guarantee on product material and workmanship

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-M778BH585GL		ET-M778BH590GL		ET-M778BH595GL		ET-M778BH600GL		ET-M778BH605GL	
	STC	NOCT								
Maximum Power -P _{mp} (W)	585	439	590	443	595	447	600	451	605	455
Open Circuit Voltage -V _{oc} (V)	53.74	50.36	53.90	50.51	54.07	50.66	54.23	50.81	54.39	50.96
Short Circuit Current -I _{sc} (A)	13.86	11.41	13.93	11.47	14.00	11.53	14.07	11.59	14.14	11.65
Maximum Power Voltage -V _{mp} (V)	45.11	40.61	45.25	40.75	45.39	40.90	45.53	41.04	45.67	41.18
Maximum Power Current -I _{mp} (A)	12.97	10.81	13.04	10.87	13.11	10.93	13.18	10.99	13.25	11.05
Module Efficiency STC-η _m (%)	20.93%		21.11%		21.29%		21.46%		21.64%	
Power Tolerance (W)	0-+3%									
Pmax Temperature Coefficient	-0.360%/°C									
Voc Temperature Coefficient	-0.292%/°C									
Isc Temperature Coefficient	+0.044%/°C									
Fire Performance	Type 29(UL)									

MECHANICAL SPECIFICATIONS

External Dimension	2465 x 1134 x 35mm 97.05 x 44.65 x 1.38inch
Weight	35kg/77.16lbs
Solar Cells	P-Type Mono-crystalline(156pcs)
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*	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

PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Size of packing (mm/inch)	2487*1130*1264/97.91*44.49*49.76
Weight of packing (kg/lbs)	1128/2486.81
Pieces per Container (Normal/Weight-limited area)	496

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.