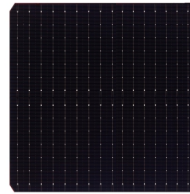


Bifacial-TOPCon N type
Mono-crystalline 560-580 Watt
Transparent Back-sheet

0~+3% POWER TOLERANCE

High efficiency TOPCon N - type solar module



Module characteristics



Strong mechanical strength

Passes the wind load test of 2400Mpa and the snow load test of 5400Mpa



Lower attenuation

N-type components have better reliability and lower LID/LETID attenuation



PID resistance

The attenuation probability of PID phenomenon is minimized through solar cell production technology optimization and material control



Harsh environmental adaptation

Third party certification for high salt spray and high ammonia corrosion tests



Multiple grid and Half cell technique

More light utilization and current collection capabilities, effectively improving product power output and reliability



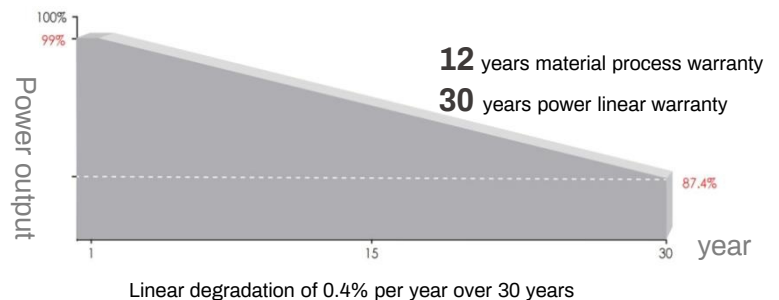
Long and reliable quality assurance

IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality management system

ISO14001:2015: Environmental management system

ISO45001:2018: Occupational health and safety management system



Technical Parameters-Front Side

Model Type	QPM-560T		QPM-565T		QPM-570T		QPM-575T		QPM-580T	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	560	421	565	425	570	429	575	433	580	437
Open Circuit Voltage (Voc)	50.47	47.94	50.60	48.06	50.74	48.20	50.88	48.29	51.00	48.37
Short Circuit Current (Isc)	14.15	11.42	14.23	11.49	14.31	11.57	14.38	11.66	14.39	11.73
Maximum Power Voltage (Vmp)	41.77	39.25	41.92	39.38	42.01	39.51	42.10	39.64	42.19	39.71
Maximum Power Current (Imp)	13.41	10.73	13.48	10.79	13.55	10.85	13.65	10.92	13.75	11.00
Module Efficiency - η_m (%)	21.66		21.86		22.06		22.26		22.46	
Operational Temperature Maximum	-40°C~+85°C									
System Voltage Maximum Series	1500VDC									
Fuse Rating	25A									
Power Tolerance	0~+3%									
Temperature Coefficient of Pmax	-0.310%/°C									
Temperature Coefficient of Voc	-0.260%/°C									
Temperature Coefficient of Isc	+0.046%/°C									
Nominal Operating Cell Temperature	45±2°C									
Safety Class	Class II									
Max Load (Front/back)	5400Mpa/2400Mpa									

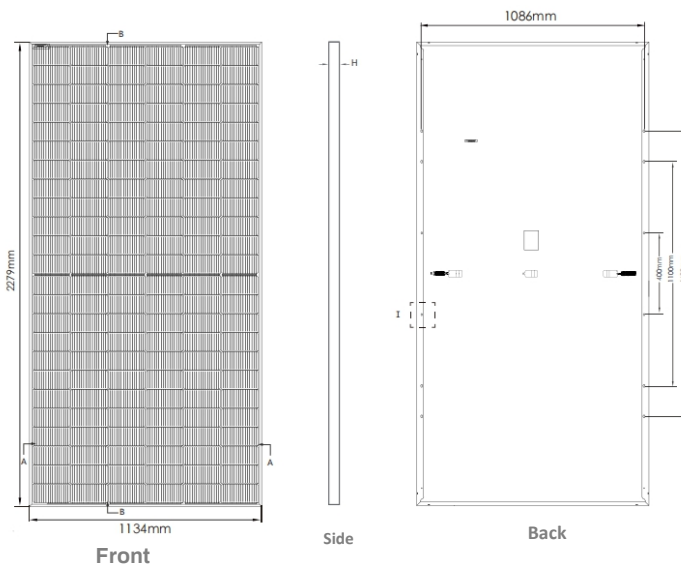
STC: Irradiance 1000W/m²
NOCT: Irradiance 800W/m²

Module temperature 25°C
Ambient temperature 25°C

Air Mass =1.5
Air Mass =1.5

Wind speed 1m/S

Mechanical Diagrams

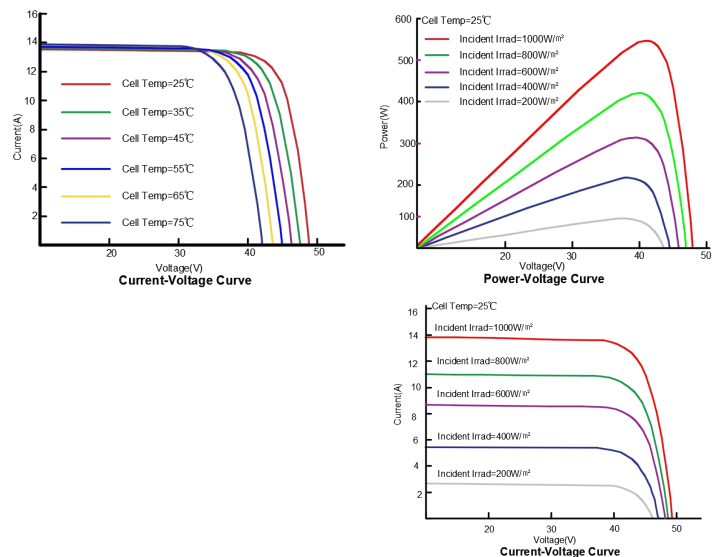


- Length: ± 2mm
- Width: ± 2mm
- Thickness: + 1mm
- Hole pitch: + 2mm

Packing standard

31pcs/pallet, Each pallet size: 2314×1130×1245mm
40GP:20 pallets/container, 620pcs/container

IV Curve



Specification

Cell type	N type mono crystalline 182mm
Half-cell quantity	144pcs (6×24)
Dimension	2279 (±2) × 1134 × 35mm
Weight	28kg±3%
Glass	3.2mm
Frame	Sliver or black Anodized Aluminum Alloy
Junction Box	IP68
Cable	1200mm (can be customized)