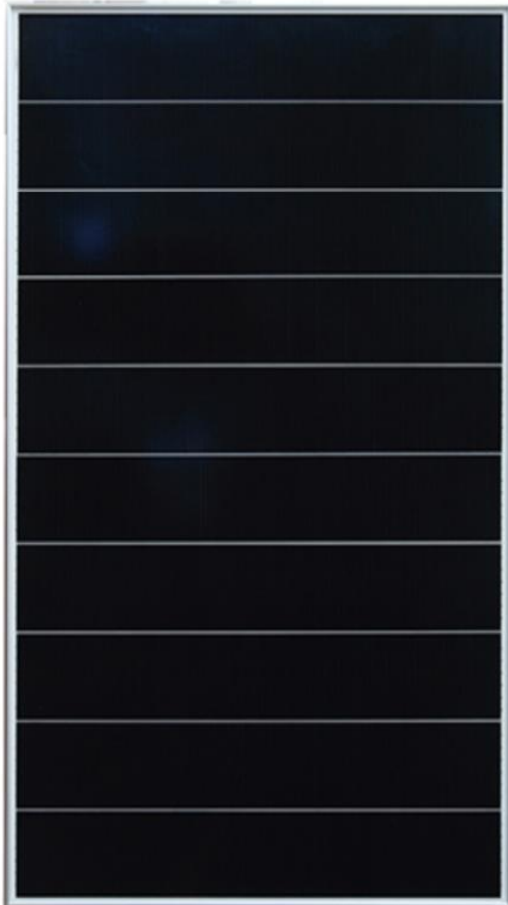


Specification of Shingled Monocrystalline solar module



KEY features

Technology:

Technology provides ultra-high efficiency, Maximizes installation capacity in limited space.

Beautiful appearance:

Cells are evenly arranged, pleasing to the eye.

Enhanced weather resistance:

Avoid the microcrack of cells caused by traditional welding process; Modules are flexible and compressive resistance; Suitable for all harsh environments

Reduce system cost:

High module efficiency reduces floor space effectively, BOS, transportation and maintenance costs

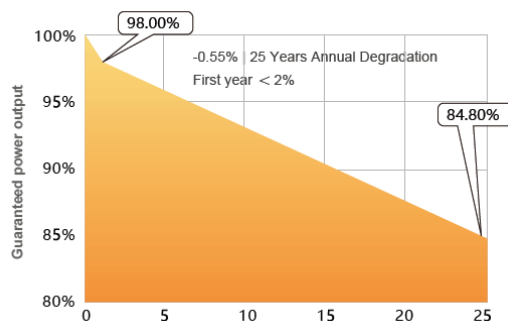
Strong compatibility:

Can be equipped with a variety of mainstream high efficient (PERC, SHJ) cells.

Anti-LID / PID:

To ensure higher actual yield during lifetime.

Warranty



15
year

material process warranty

25
year

linear power output warranty

Electrical Characteristics at Standard Test Conditions(STC)

AN-210X30_10_36	500
Maximum Power-Pm [W]	500
Open Circuit Voltage-Voc [V]	49.42
Short Circuit Current-Isc [A]	12.82
Maximum Power Voltage-Vm [V]	41.18
Maximum Power Current-Im [A]	12.14
Module Efficiency-η [%]	21.45

NOTE:

1. Standard Test Conditions [STC]: irradiance 1000 W/m²; AM 1.5; ambient temperature 25°C according to EN 60904-3;
2. Nominal Module Operating Temperature (NMOT): Irradiance 800W/ m²; wind speed 1m/s; ambient temperature 20°C
3. Tolerance of Pm: 0~+5W, Measuring uncertainty of power: ±3%. Performance deviation of Voc [V], Isc [A], Vm [V] and Im [A]: ±3%.

Mechanical Characteristics

Temperature Characteristics

Dimensions	2148×1020×35 mm (L×W×H)	NMOT	42.3°C (±2)
Weight	25.52kg	Temperature Coefficient of Voc	-0.27%/°C
Front Glass	White toughened safety glass, 3.2mm	Temperature Coefficient of Isc	0.04%/°C
Cells	210*210 PERC solar cells	Temperature Coefficient of Pm	-0.34%/°C
Back Sheet	high weatherability backsheet	Maximum Ratings	
Frame	Anodized aluminum profile	Maximum System Voltage [V]	DC 1500IEC)
Junction Box	IP68, TUV, two diodes	Series Fuse Rating [A]	20
Cable	Length 900mm, 1×4mm ²	Maximum Surface Load Capacity [Pa]	5,400
Connector	Compatible with MC4	Temperature Range [°C]	-40~+85
		Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m/s

Package

container	20' GP
Number of modules per container	330
container	40' HQ
Number of modules per container	600

I-V curve

