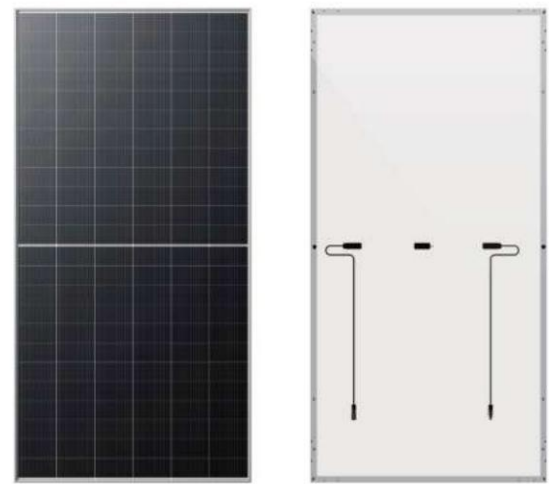
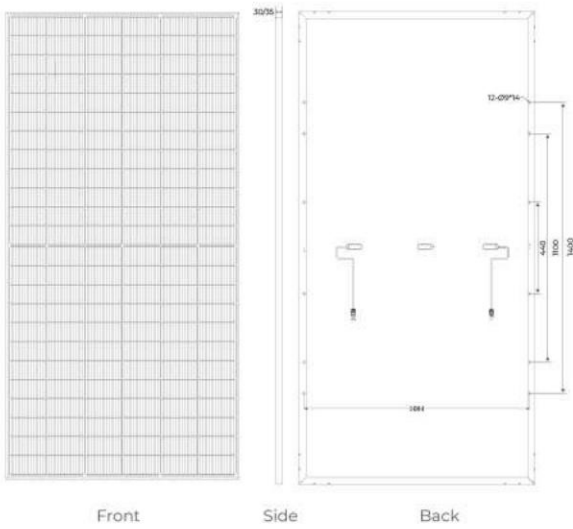


580 W





Length: ±2mm
Width: ±2mm
Height: ±1mm

Front Side Back

Product Image

*For detailed sizes and tolerance specification, please consult detailed module drawing

Transparent backsheets and bifacial photovoltaic modules can be customized

Mechanical Characteristics(STC/NOCT)

Module Type	STC	NOCT
Maximum Power (Pmax)	580	437
Maximum Power Voltage (Vmp)	43.35	40.70
Maximum Power Current (Imp)	13.38	10.74
Open-circuit Voltage (Voc)	52.31	49.69
Short-circuit Current (Isc)	14.01	11.31
Module Efficiency (%)	22.5	/
Power tolerance	0~+3%	
Maximum system voltage	1500DC	
Maximum series fuse rating	30A	

*STC(Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5.

*NOCT(Normal Operating Cell Temperatur): Irradiance 800W/m², Cell Temperature 25°C, Air Mass 1.5.

Specifications

Dimensions	2278*1134*30/35mm
Weight	27.0kg
Cell Arrangement	144pcs(72*2)
Glass	3.2mm Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68
Cable	4.0mm ²
Connector	MC4 compatibl

Packaging Configuration

	2278*1134*30mm	2278*1134*35mm
Dimensions	2278*1134*30mm	2278*1134*35mm
Container	40'HQ	40'HQ
Quantity / pallet	36	31
Pallets / cabinet	20	20
Quantity / cabinet	720	620

TEMPERATURE COEFFICIENTS

Temperature coefficients of Pmax	-0.29 %/°C
Temperature coefficients of Voc	-0.25 %/°C
Temperature coefficients of Isc	0.045 %/°C
Operating Temperature(°C)	-40 °C ~ +85 °C
Nominaloperating celtemperature (NOCT)	45±2 °C

Diagrams of Curve

