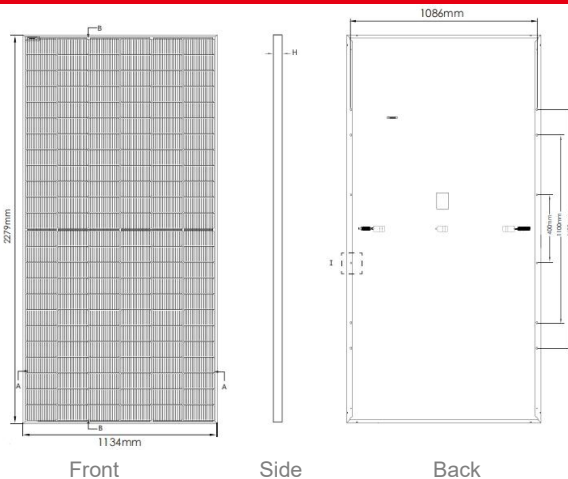


# Electrical Parameters

Model Type	ESM-560T	ESM-565T	ESM-570T	ESM-575T	ESM-580T
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	560	565	570	575	580
Open Circuit Voltage (Voc)	50.47	50.60	50.74	50.88	51.00
Short Circuit Current (Isc)	14.15	14.23	14.31	14.38	14.39
Maximum Power Voltage (Vmp)	41.77	41.92	42.01	42.10	42.19
Maximum Power Current (Imp)	13.41	13.48	13.55	13.65	13.75
Module Efficiency - $\eta_m$ (%)	21.66	21.86	22.06	21.26	22.46
Operational Temperature	-40°C ~ +85°C				
Maximum System Voltage	1500VDC				
Maximum Series 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/m<sup>2</sup> Cell temperature 25°C Atmospheric quality = 1.5  
 NOCT: Irradiance 800W/m<sup>2</sup> Ambient temperature 25°C Atmospheric quality = 1.5 Wind speed 1m/S

## Mechanical Diagrams

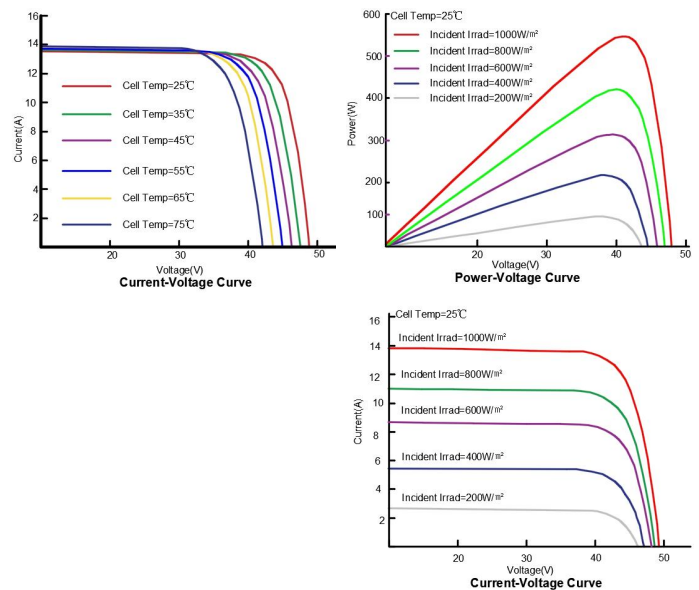


Length: ± 2mm  
 Width: ± 2mm  
 Thickness: ± 1mm  
 Hole pitch: ± 2mm

## Packing Details:

31pcs/pallet, Pallet size: 2314×1130×1245mm  
 40GP: 20 pallets/40HQ, 620pcs/40'HQ

## Curve



## Specification

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