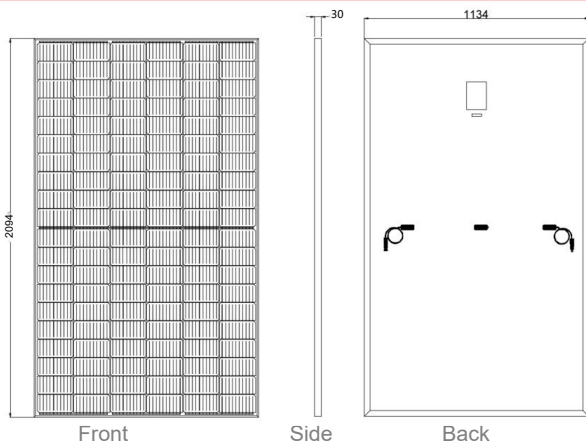


Electrical Parameters

Model Type	ESM-530T	ESM-535T	ESM-540T	ESM-545T	ESM-550T
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	530	535	540	545	550
Open Circuit Voltage (Voc)	46.30	46.50	46.70	46.90	47.10
Short Circuit Current (Isc)	14.27	14.31	14.35	14.39	14.43
Maximum Power Voltage (Vmp)	39.00	39.20	39.40	39.60	39.80
Maximum Power Current (Imp)	13.59	13.65	13.70	13.76	13.81
Module Efficiency - η_m (%)	22.32	22.52	22.74	22.95	23.16
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				

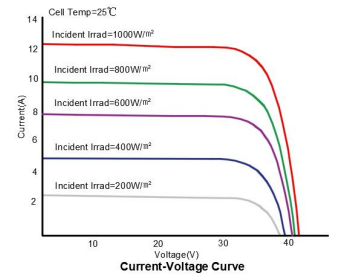
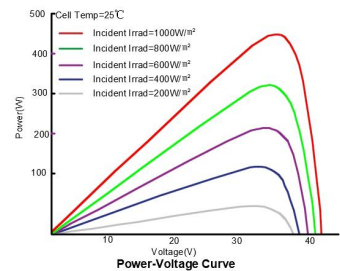
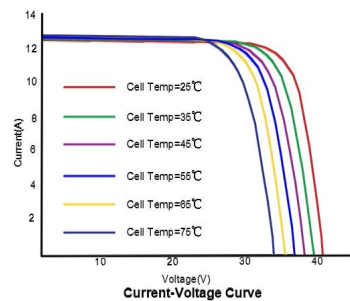
STC: Irradiance 1000W/m² Cell temperature 25°C Atmospheric quality = 1.5
 NOCT: Irradiance 800W/m² Ambient temperature 25°C Atmospheric quality = 1.5 Wind speed 1m/S

Mechanical Diagrams



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

Curve



Packing Details:

36pcs/pallet
 40GP: 22 pallets/container, 792pcs/40'HQ

Specification

Cell type N type mono crystalline 182mm
 Half-cell quantity 132pcs (6×22)
 Dimension 2094×1134×30mm
 Weight 25kg±3%
 Glass 3.2mm, tempered and AR coated
 Frame Silver Anodized Aluminum Alloy
 Junction Box IP68
 Cable 1000mm (can be customized)