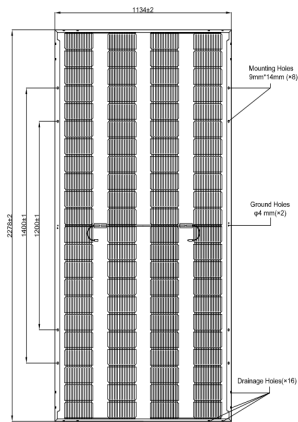


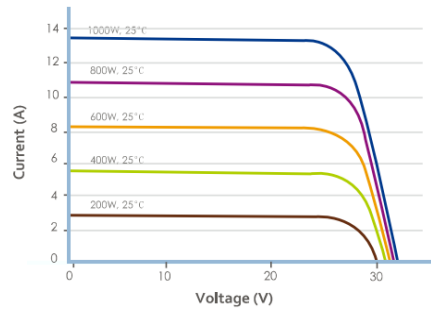
Mechanical Diagrams



All Dimensions in mm

The above drawing is a graphical representation of the product. For engineering quality drawings please contact EINNOVA.

Curve



Characteristics(STC)

Module Type	ESM-345	ESM-350	ESM-355
Maximum Power - Pmax(W)	345	350	355
Open Circuit Voltage - Voc(V)	31.4	31.7	31.9
Short-Circuit Current - Isc(A)	13.42	13.46	13.53
Voltage at Pmax - Vmp(V)	27.06	27.37	27.61
Current at Pmax - Imp(A)	12.75	12.79	12.86
Module Efficiency - ηm(%)	13.36%	13.55%	13.74%
Power Tolerance(W)	(0,+4.99W)		
Maximum System Voltage(V)	1500VDC (IEC/UL)		
Maximum Series Fuse Rating (A)	30A		

STC: Irradiance 1000W/m² , Cell Temperature 25°C, Air Mass 1.5

Mechanical Specifications

Dimensions	2278×1134×30mm
Weight	31.6kg±5%
Solar Cells	88pcs
Front Glass	2.0mm
Back Glass	2.0mm
Junction Box	IP68
Output Cables	4.0mm ² , length:30cm, length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Temperature Characteristics

Pmax Temperature Coefficient	-0.290%/°C
Voc Temperature Coefficient	-0.250%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature	-40 ~ +85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

Packing Configuration

36pcs/pallet, Pallet size: 2314×1130×1260mm

Container	40' HQ
Pieces per Pallet	36
Pieces per Container ^r	720

The company reserves the right of final right of adjustment of this file.