

Electric Characteristics

Type	BEST-260P-24	BEST-270P-24	BEST-280P-24
Max Power at STC*(Pmax) [W]	260	270	280
Max Power Tolerance [%]		± 3	
Max Power Voltage (Vmp) [V]	36	36.2	36.3
Max Power Current (Imp) [A]	7.23	7.47	7.72
Open Circuit Voltage (Voc) [V]	44.2	44.2	44.3
Short Circuit Current (Isc) [A]	8.06	8.21	8.36
Maximum System Voltage (VDC) [V]		1000	
Cell Efficiency η_c [%]	15.46	16.05	16.66
Module Efficiency η_m [%]	13.36	13.87	14.39
Solar Cell Typ	Multicrystalline Silicon Solar Cells 156 x 156 mm		
Number of Cells		72 (6 x 12)	
Temperature Coefficient of Pmax [% / °C]		-0.45	
Temperature Coefficient of Voc [% / °C]		-(0.34 ± 0.01)	
Temperature Coefficient of Isc [% / °C]		0.065	
NOCT (Nominal Operation Cell Temperature) [°C]		45 ± 2	
STC* (Standard Test Condition): Irradiance 1000W / m ² , Module Temperature 25 °C , Air Mass 1.5			

Mechanical Characteristics

Dimensions of Module A*B*C [mm]	1958*994*50
Weight [kg]	30.5
Type of Connector	MC4

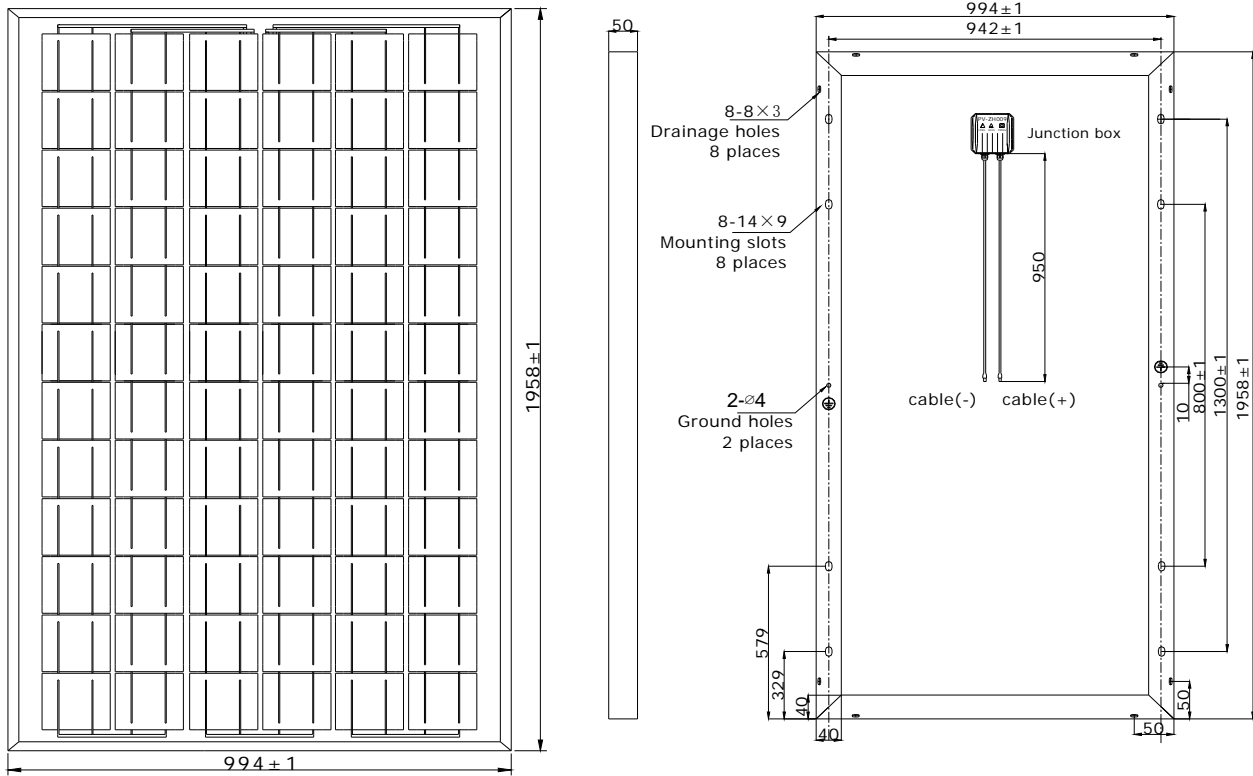
Packing Configuration

Packing Configuration	2 pcs./box
Quantity / Pallet	32 pcs./pallet or 38 pcs./pallet
Lording Capacity	352 pcs./40ft or 418 pcs./40ft(H)

Absolute Ratings

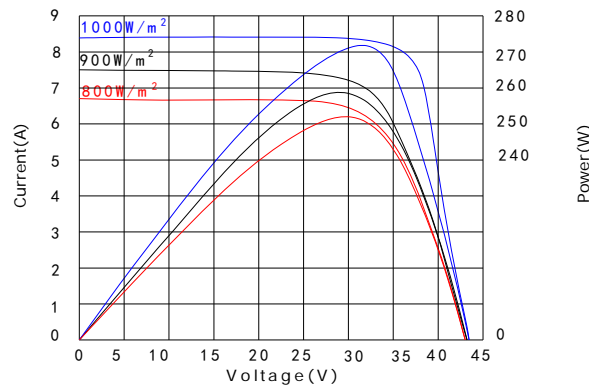
Maximum System Voltage (VDC) [V]	< 1000
Operating Temperature [°C]	-40~+85
Storage Temperature [°C]	-40~+85

Dimensions



IV Curve

Electrical Performance cell temperature: 25 °C



Warranty

Manufacturer

5 years

Power Output

90% for 12 years and 80% for 25 years

Certifications

IEC61215, IEC61730, UL1703, CE