

Electric Characteristics

Type	BEST-200D	BEST-210D	BEST-220D	BEST-230D	BEST-240D
	-20	-20	-20	-20	-20
Max Power at STC*(Pmax) [W]	200	210	220	230	240
Max Power Tolerance [%]			± 3		
Max Power Voltage (Vmp) [V]	29.5	29.9	31.2	31.8	32.2
Max Power Current (Imp) [A]	6.78	7.02	7.05	7.23	7.45
Open Circuit Voltage (Voc) [V]	36.1	36.6	36.9	37.2	37.3
Short Circuit Current (Isc) [A]	7.68	7.78	8.01	8.21	8.39
Maximum System Voltage (VDC) [V]			1000		
Cell Efficiency η_c [%]	14.37	15.09	15.81	16.56	17.25
Module Efficiency η_m [%]	12.25	12.87	13.48	14.09	14.70
Solar Cell Typ	Monocrystalline Silicon Solar Cells 156 x 156 mm				
Number of Cells	60 (6 x 10)				
Temperature Coefficient of Pmax [% / °C]	-0.47				
Temperature Coefficient of Voc [% / °C]	-0.36				
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]	1642*994*40
Weight [kg]	20
J-Box	MC4

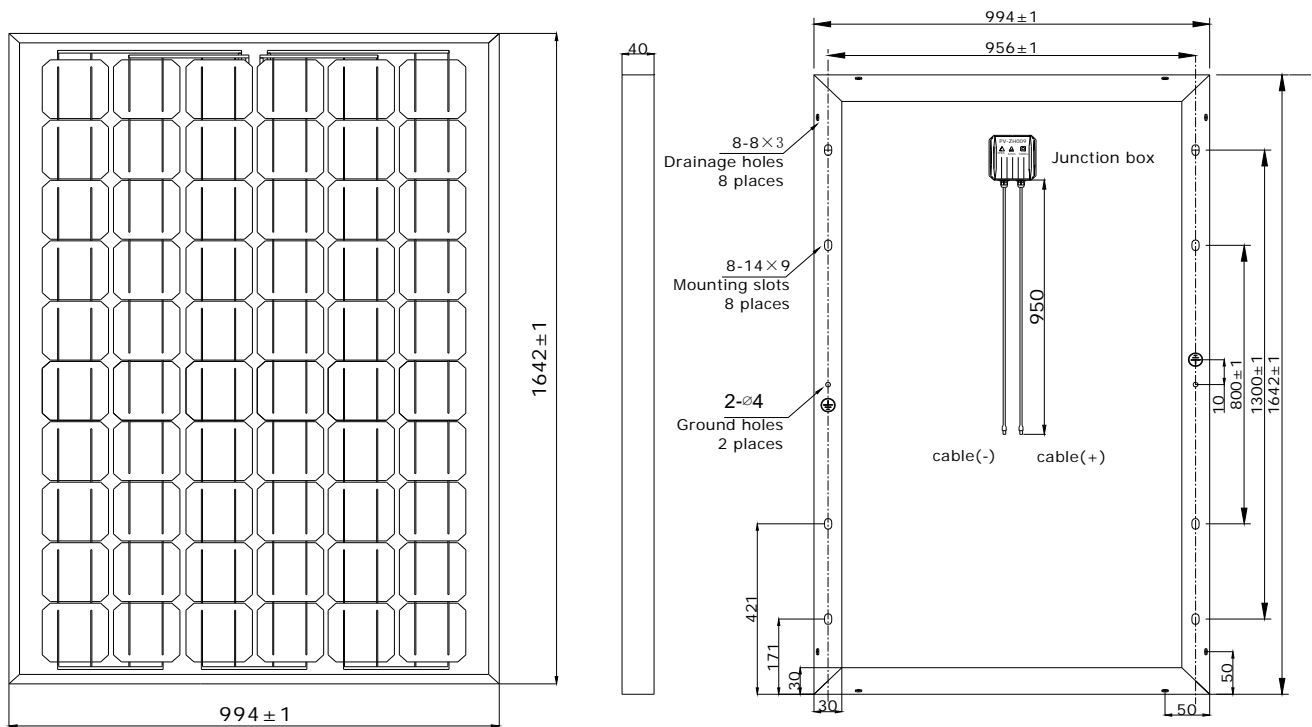
Packing Configuration

Packing Configuration	2 pcs./box
Quantity / Pallet	32 pcs./pallet or 38 pcs./pallet
Lording Capacity	416 pcs./40ft or 494 pcs./40ft(H)

Absolute Ratings

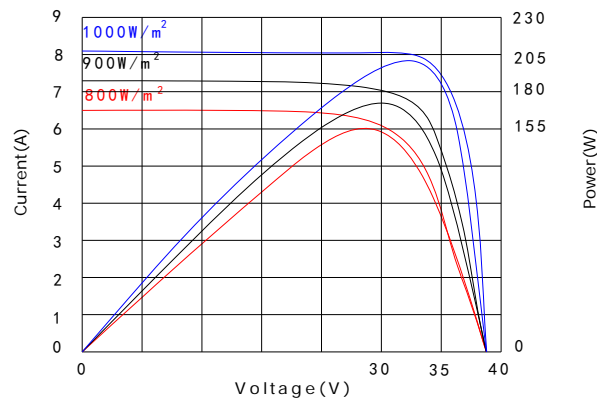
Maximum System Voltage (VDC) [V]	< 1000
Operating Temperature [°C]	-40~+85
Storage Temperature [°C]	-40~+85

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