

## Electric Characteristics

Type	BEST-190P-18	BEST-200P-18	BEST-210P-18
Max Power at STC*(Pmax) [W]	190	200	210
Max Power Tolerance [%]		± 3	
Max Power Voltage (Vmp) [V]	26.7	26.9	27.1
Max Power Current (Imp) [A]	7.11	7.44	7.75
Open Circuit Voltage (Voc) [V]	32.6	32.8	33.2
Short Circuit Current (Isc) [A]	7.97	8.25	8.47
Maximum System Voltage (VDC) [V]		1000	
Cell Efficiency $\eta_c$ [%]	14.91	15.69	16.47
Module Efficiency $\eta_m$ [%]	12.88	13.56	14.24
Solar Cell Typ	Multicrystalline Silicon Solar Cells 156 x 156 mm		
Number of Cells		54 (6 x 9)	
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 <sup>2</sup> , Module Temperature 25 °C, Air Mass 1.5			

## Mechanical Characteristics

Dimensions of Module A*B*C [mm]	1484*994*40
Weight [kg]	18
Type of Connector	MC4

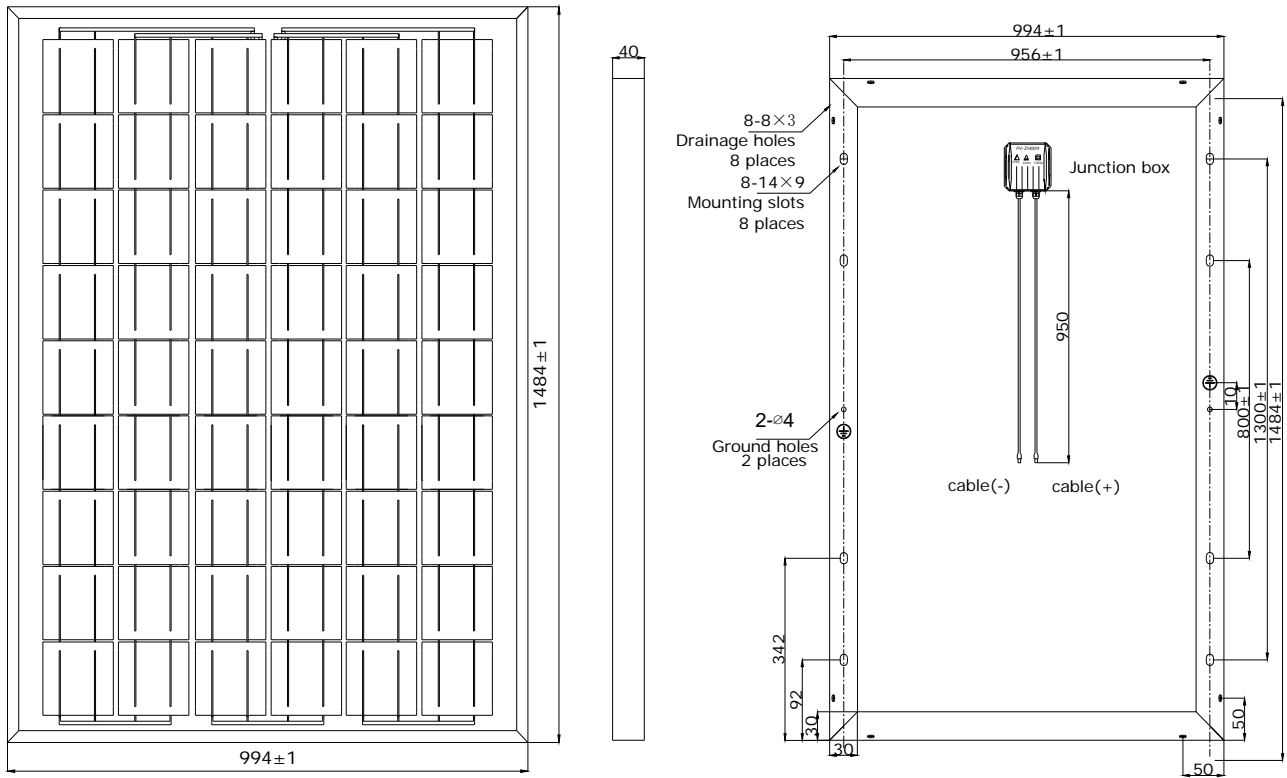
## Packing Configuration

Packing Configuration	2 pcs./box
Quantity / Pallet	32 pcs./pallet or 38 pcs./pallet
Lording Capacity	480 pcs./40ft or 570pcs./40ft(H)

## Absolute Ratings

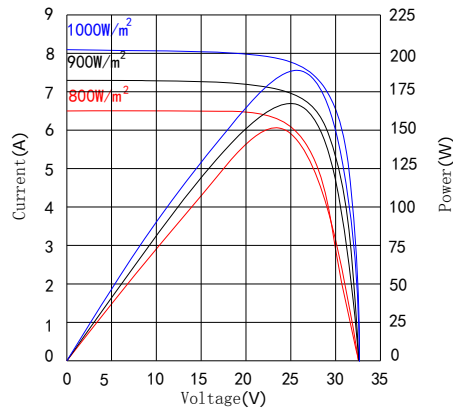
Maximum System Voltage (VDC) [V]	< 1000
Operating Temperature [ °C ]	-40~+85
Storage Temperature [ °C ]	-40~+85

## 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