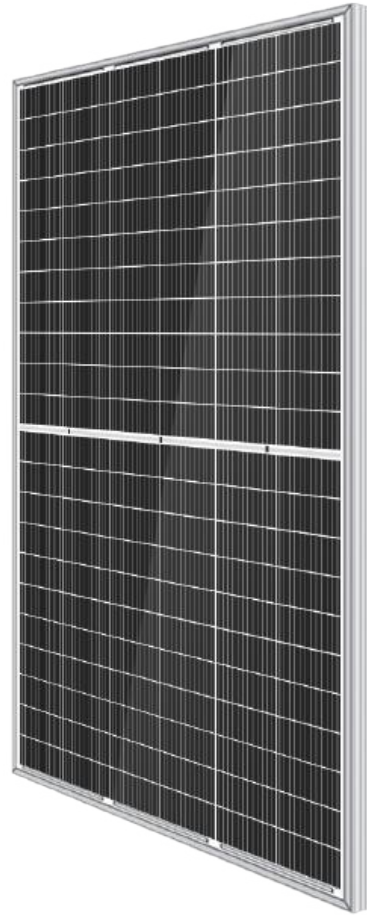


# JUSTSOLAR

## Halfcut 210mm

### MONO MODULE

TYPE 650-670D



High conversion efficiency  
High module efficiency to guarantee power output.



Self-cleaning glass  
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance  
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



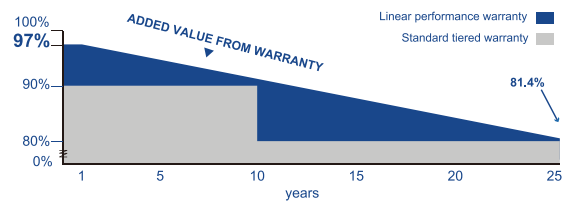
Excellent loading capability  
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance  
Detailed information in Electrical Specifications.



48-hour response service



25

25-year performance warranty

10

10-year warranty on materials and workmanship

IEC 61215 Ed.2  
IEC 61730  
UL 1703



# JUST Solar

## ELECTRICAL DATA

Model Type	100W/m <sup>2</sup>	200W/m <sup>2</sup>	400W/m <sup>2</sup>	600W/m <sup>2</sup>	800W/m <sup>2</sup>	1000W/m <sup>2</sup>
Peak Power (Pmax)	17.0W	34.0W	68.0W	102.0W	136.0W	170.0W
Module Efficiency	20.7%	21.4%	22.1%	22.8%	23.5%	24.2%
Maximum Power Voltage (Vmp)	35.5V	35.5V	35.5V	35.5V	35.5V	35.5V
Maximum Power Current (Imp)	0.48A	0.96A	1.92A	2.88A	3.84A	4.80A
Open Circuit Voltage (Voc)	41.5V	41.5V	41.5V	41.5V	41.5V	41.5V
Short Circuit Current (Isc)	0.60A	1.20A	2.40A	3.60A	4.80A	6.00A
Power Tolerance	0 to +5W					
Maximum System Voltage	1000/1500V					
Nominal Operating Cell Temperature	41±3°C					
Maximum Series Fuse Rating	HEA					

## MECHANICAL DATA

Cell Type	60mm, Mono
Number of Cells	144 (12x12)
Weight	1.8 kg
Dimension	1303x1264x35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

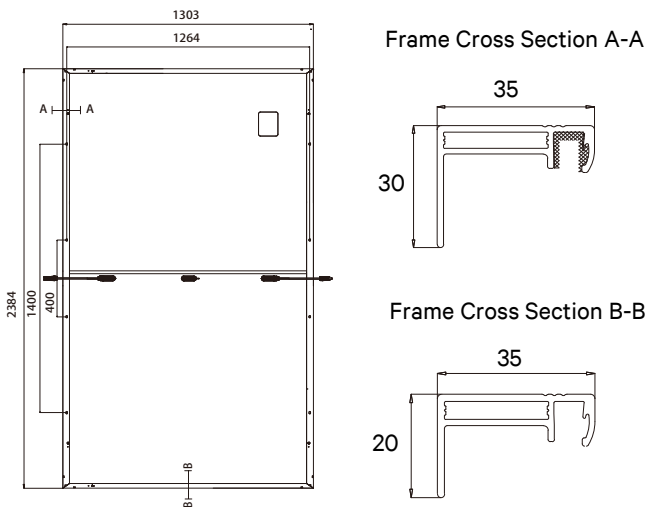
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.36% /°C

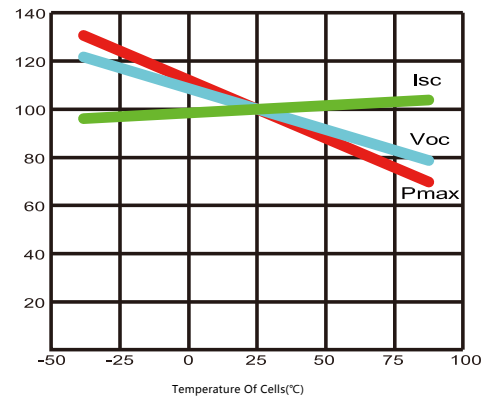
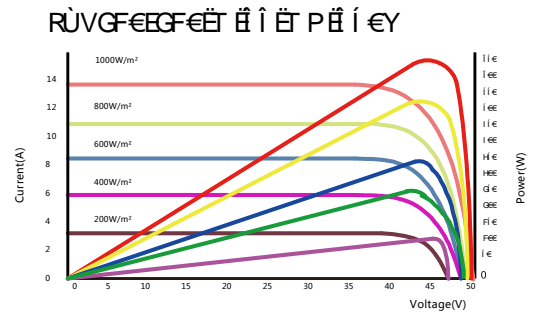
## PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	558

## PHYSICAL CHARACTERISTICS



## ELECTRICAL CHARACTERISTICS



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m<sup>2</sup>, 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.