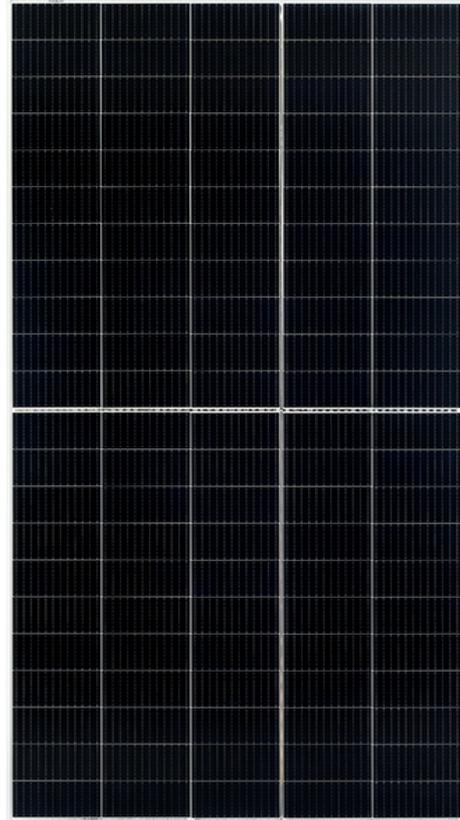


JUSTSOLAR

Halfcut 210mm

MONO MODULE

JST-G12-M-55-MH-
(540-560)W



High conversion efficiency
High module efficiency to guarantee power output.



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



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



48-hour response service



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.

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 (JST-G12-M-55-MH-***W)	540	545	550	555	560
Peak Power (Pmax)	540W	545W	550W	555W	560W
Module Efficiency	20.7%	20.9%	21.0%	21.2%	21.4%
Maximum Power Voltage (Vmp)	31.46V	31.66V	31.86V	32.06V	32.26V
Maximum Power Current (Imp)	17.17A	17.22A	17.27A	17.31A	17.36A
Open Circuit Voltage (Voc)	37.78V	38.02V	38.24V	38.46V	38.68V
Short Circuit Current (Isc)	18.18A	18.23A	18.28A	18.33A	18.38A
Power Tolerance			0 to +5W		
Maximum System Voltage Nominal			1500V		
Operating Cell Temperature Maximum			44.4±2°C		
Series Fuse Rating			30A		

MECHANICAL DATA

Cell Type	210mm, Mono
Number of Cells	110(11×5×2)
Weight	29kg
Dimension	2384×1096×35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

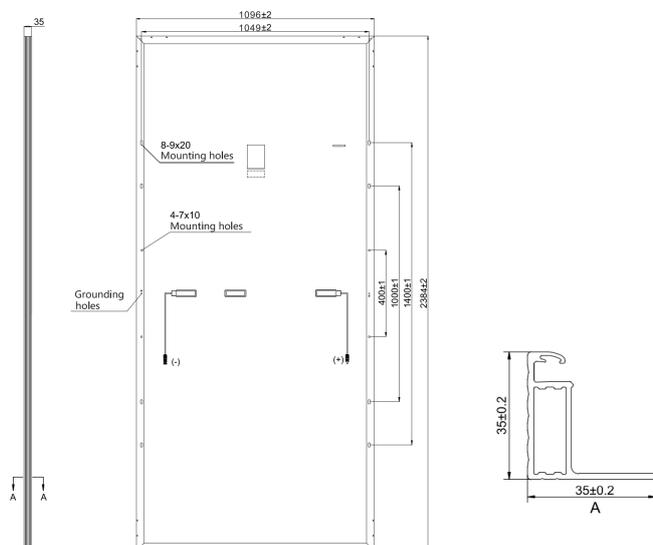
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.25% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.34% /°C

PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	620

PHYSICAL CHARACTERISTICS



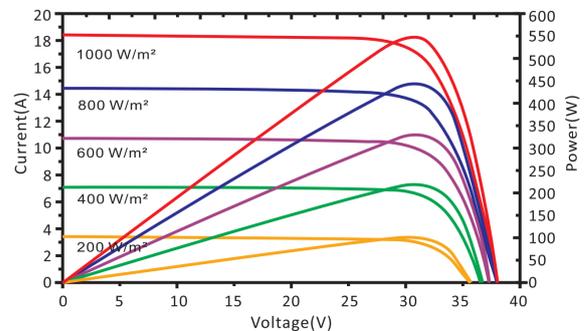
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

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

ELECTRICAL CHARACTERISTICS

JST-G12-M-55-MH-540W

I-V characteristics at different irradiances



I-V characteristics at different temperatures

