

Mono Perc

JC(585-605)-120M

Half-Cell High Efficiency PV Module

Max Module Efficiency: 21.4%

KEY FEATURES

- ⦿ Excellent module efficiency up to:21.4%
- ⦿ IP68 junction box for long-term weather endurance
- ⦿ Heavy snow load up to 5400 Pa, wind load up to 3600 Pa
- ⦿ PID: Selected material and stringent quality system ensure PID free
- ⦿ Applicable to harsh environment of deserts, farmlands and seashores
- ⦿ Much lower risk of hot spot

CERTIFICATE



COMPREHENSIVE

Products and System Certificates

IEC 61215 / IEC 61730 / CE / INMETRO

ISO 9001: 2015/Quality management system

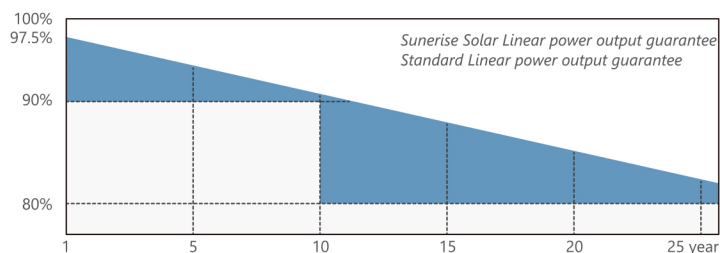
ISO 14001: 2015/Standards for environmental management system

OHSAS 18001: 2007/International standards for occupational health & safety

WARRANTY

30 years
Linear power output warranty
*12 years minimum 92% power output
*30 years minimum 83% power output

12 years
Product warranty on materials and workmanship
According to the applicable Einnova Solarline Limited Warranty Statement



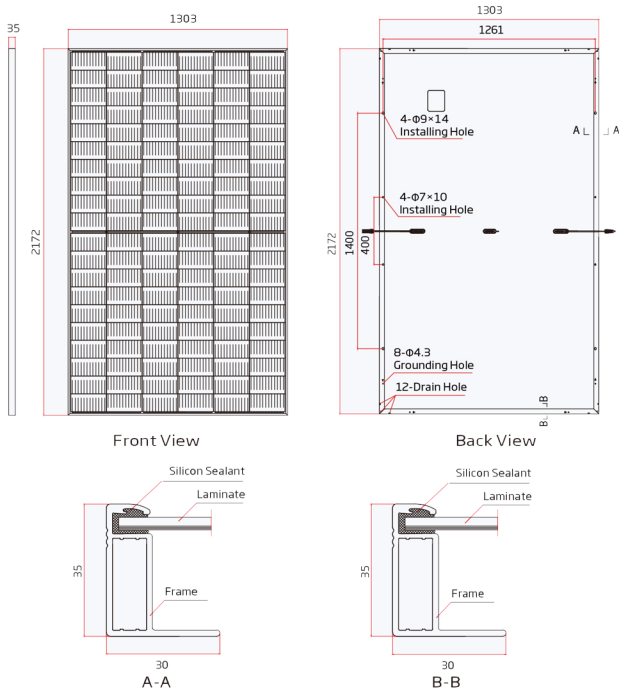
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JC(585-605)-120M

DESIGN



MECHANICAL SPECIFICATION

Cell Type	Dimension (L×W×T)	Weight
Mono 210*105mm	2172×1303×35mm	30.9kg
Packing	31pcs/pallet, 527pcs/40HQ	
Cable (Including connector)	4.0mm ² , Portrait: 350mm(+)/350mm(-) Landscape: 1400mm(+)/1400mm(-)	
No. of Cells	120 (6×20)	
Glass	3.2mm High Transmission, Antireflection Coating	
Junction box	IP68, 3 Bypass Diodes	
Connector	MC4 Compatible	

OPERATING PARAMETERS

Maximum system voltage	1000V/1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	20A
Snow load, frontside	5400Pa
Wind load, backside	3600Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

ELECTRICAL CHARACTERISTICS(STC)

MODULE TYPE	JC(585-605)-120M				
Maximum Power (Pmax)	585W	590W	595W	600W	605W
Open-circuit Voltage (Voc)	40.9V	41.4V	41.3V	41.5V	41.7V
Maximum Power Voltage (Vmp)	33.8V	34.0V	34.2V	34.4V	34.6V
Short-circuit Current (Isc)	18.37A	18.42A	18.47A	18.52A	18.57A
Maximum Power Current (Imp)	17.31A	17.35A	17.40A	17.44A	17.49A
Module Efficiency (%)	20.7%	21.8%	21.0%	21.2%	21.4%
Power Tolerance	0~+5W				
Temperature Coefficient of Isc	0.05%/°C				
Temperature Coefficient of Voc	-0.31%/°C				
Temperature Coefficient of Pmax	-0.35%/°C				

Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5

ELECTRICAL CHARACTERISTICS(NOCT)

MODULE TYPE	JC(585-605)-120M				
Maximum Power (Pmax)	443W	447W	451W	454W	458W
Open-circuit Voltage (Voc)	38.5V	38.7V	38.9V	39.1V	39.3V
Maximum Power Voltage (Vmp)	31.5V	31.7V	31.9V	32.0V	32.2V
Short-circuit Current (Isc)	14.81A	14.85A	14.88A	14.92A	14.96A
Maximum Power Current (Imp)	14.05A	14.09A	14.19A	14.18A	14.22A

Standard Test Environment : Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s