

# Mono All Black

## JC(575-600)-156M-AB

Half-Cell High Efficiency PV Module

Max Module Efficiency: 21.48%

### KEY FEATURES

- ⦿ Excellent module efficiency up to:21.48%
- ⦿ 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

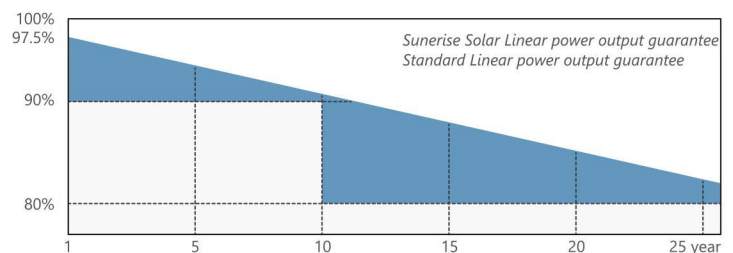
ISO 14001: 2015/Standards for environmental management system

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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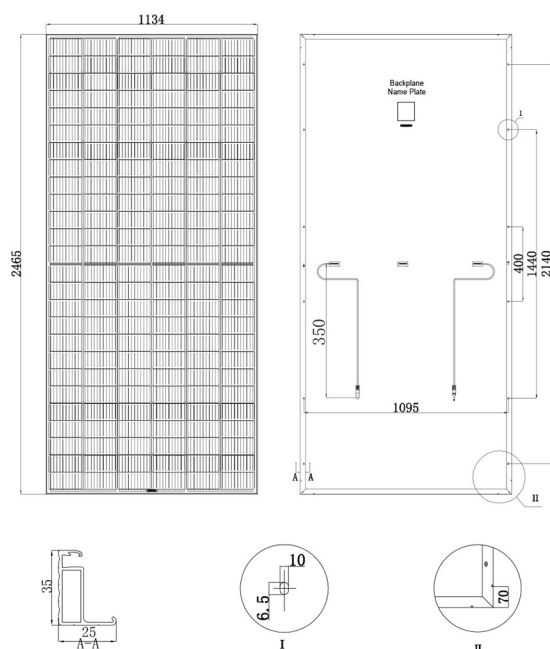
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# JC(575-600)-156M-AB

## DESIGN



## MECHANICAL SPECIFICATION

Cell Type	Dimension (L×W×T)	Weight
Mono 182*91mm	2465×1134×35mm	30.5kg
Packing	31pcs/pallet, 540pcs/40HQ	
Cable (Including connector)	4.0mm <sup>2</sup> , Portrait: 350mm(+)/350mm(-) Landscape: 1400mm(+)/1400mm(-)	
No. of Cells	156 (6×26)	
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	25A
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(575-600)-156M-AB					
Maximum Power (Pmax)	575W	580W	585W	590W	595W	600W
Open-circuit Voltage (Voc)	53.00V	53.24V	53.49V	53.74V	53.99V	54.23V
Maximum Power Voltage (Vmp)	44.82V	45.03V	45.24V	45.45V	45.66V	45.87V
Short-circuit Current (Isc)	13.71A	13.77A	13.83A	13.88A	13.93A	13.98A
Maximum Power Current (Imp)	12.83A	12.89A	12.94A	12.99A	13.04A	13.09A
Module Efficiency (%)	20.59%	20.77%	20.95%	21.13%	21.31%	21.48%
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/m<sup>2</sup>, Cell temperature 25°C, Spectrum AM1.5

## ELECTRICAL CHARACTERISTICS(NOCT)

MODULE TYPE	JC(575-600)-156M-AB					
Maximum Power (Pmax)	437.47W	438.24W	442.02W	445.80W	449.58W	453.34W
Open-circuit Voltage (Voc)	49.75V	49.98V	50.21V	50.44V	50.68V	50.92V
Maximum Power Voltage (Vmp)	41.27V	41.47V	41.66V	41.85V	42.05V	42.25V
Short-circuit Current (Isc)	11.06A	11.11A	11.15A	11.20A	11.24A	11.28A
Maximum Power Current (Imp)	10.52A	10.56A	10.61A	10.65A	10.69A	10.73A

Standard Test Environment : Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s