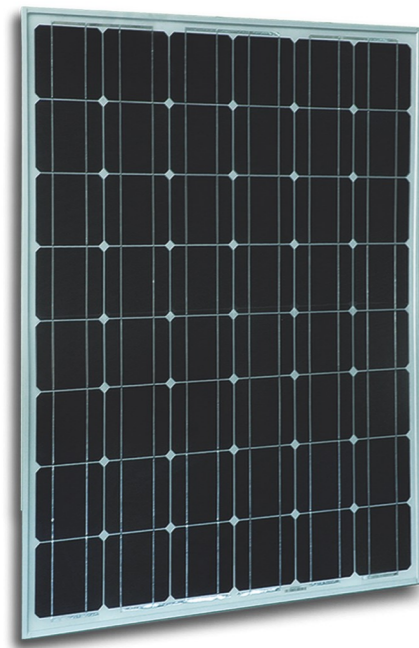


# JT195 SEc

Mono-crystalline 156 x 156 Module



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## Key Features

- Guaranteed positive tolerance 0/+5w ensures power output reliability
- Strong aluminum frames module can bear snow loads up to 5400Pa and wind loads up to 2400Pa.
- Excellent performance under low light environments(mornings evenings and cloudy days).
- 12 years for product defects in materials and workmanship and 25 years for 80% of warranted minimum power.
- Certifications and standards: IEC61215, IEC61730, conformity to CE.
- Manufactured according to International Quality and Environment Management System (ISO9001,ISO14001).

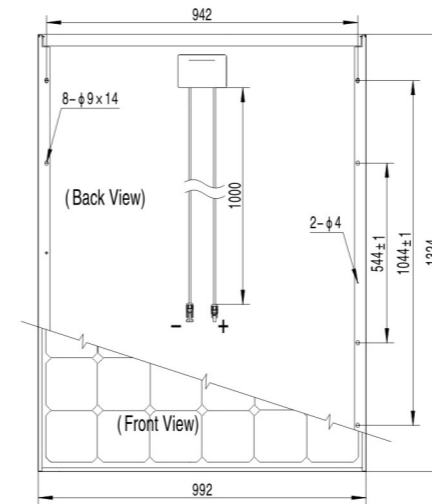


All specified Parameters are at STC 25°C Ambient, 1000W/m<sup>2</sup> irradiance and AM 1.5

### Electrical Characteristics

Type		JT180SEc	JT185SEc	JT190SEc	JT195SEc	JT200SEc
Module Power Range	(W)	185 > Pm ≥ 180	190 > Pm ≥ 185	195 > Pm ≥ 190	200 > Pm ≥ 195	Pm ≥ 200
Max-Power	Pm (W)	180	185	190	195	200
Max-Power Voltage	Vm(V)	24	24.3	24.7	25.06	25.5
Max-Power Current	Im(A)	7.5	7.6	7.7	7.78	7.85
Open-Circuit Voltage	Voc(V)	28.6	29.0	29.4	29.8	30.1
Short-Circuit Current	Isc(A)	8.4	8.5	8.6	8.7	8.85
Module Efficiency	(%)	13.7	14.1	14.5	14.8	15.2
Max-System Voltage	(VDC)	600V(UL)/1000V(IEC)				
Max.Series Fuse	(A)	15				
Pm Temperature Coefficients	(%/°C)	-0.4677				
Isc Temperature Coefficients	(%/°C)	0.0492				
Voc Temperature Coefficients	(%/°C)	-0.3374				
NOCT Nominal Operating Cell Temperature		45 ± 2°C				
Maximum load rating)		5400Pa(112.78lbf/ft <sup>2</sup> )				

Class AAA solar simulator(IEC 60904-4) , power measurement uncertainty is within ± 3%



### Packaging Configuration

Packing Configuration	24 pcs/box
Quantity/Pallet	48 pcs/pallet
Loading Capacity	768 pcs/40ft(H)

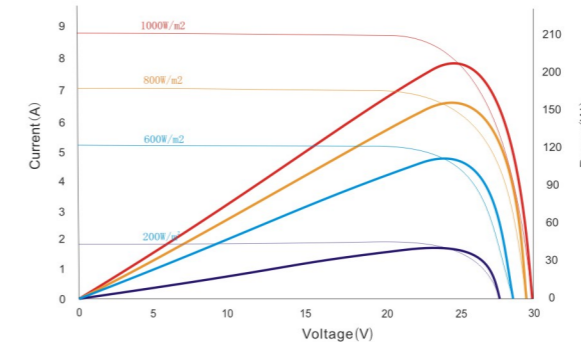
### Absolute Ratings

Dielectric Insulation Voltage	3000V
Operating Temperature (°C)	-40~+85
Storage Temperature (°C)	-40~+85

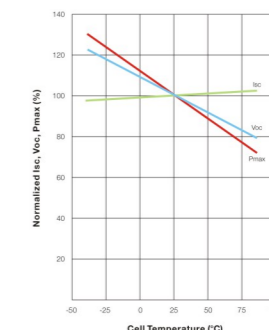
### NOCT

		JT190SEc	JT195SEc
Max-Power	Pm (W)	139	143
Max-Power Voltage	Vm(V)	22.4	22.7
Max-Power Current	Im(A)	6.2	6.3
Open-Circuit Voltage	Voc(V)	27	27.4
Short-Circuit Current	Isc(A)	6.9	7

### I-V Curves at different Irradiances



### Temperature Coefficients



### Mechanical Characteristics

Cable type, Diameter and Length	4mm <sup>2</sup> , TUV certified, 1000mm
Type of Connector	Compatible with MC4 plug
Number, type and arrangement of cells	48pcs, Mono-Crystalline Silicon(6 × 8)
Cell Size	(mm) 156 × 156 (D200)
Dimension	(mm) 1324 × 992 × 40
Weight	(Kg) 15
No. of Draining Holes in Frame	10
Glass, Type and Thickness	High Transmission, Low Iron, Tempered Glass 3.2mm

NOCT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20 °C, AM=1.5, wind speed 1m/s

Specifications included in this datasheet are subject to change without prior notice