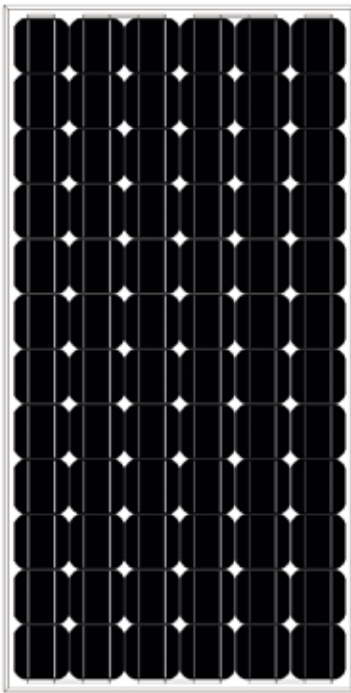




# DJ-185D/A DJ-200D/A

## Monocrystalline Photovoltaic Module



### Features

- ◆ High cell efficiency with quality silicon material for long term output stability and reliability
- ◆ Rigorous quality control to meet highest international standards
- ◆ High transmittance low iron tempered glass with enhanced stiffness and impact resistance
- ◆ Unique frame design with high mechanical strength for easy installation
- ◆ Advanced encapsulation material with multilayer sheet lamination to provide efficient protection against the severest environmental conditions
- ◆ Outstanding electrical performance under high temperature and low irradiance conditions

### Applications

- ◆ Any large or small on-grid or off-grid solar power stations
- ◆ Commercial and industrial building roof-top systems
- ◆ Residential roof-top systems
- ◆ Any commercial or industrial ground mount systems
- ◆ Other industrial or commercial applications

### Quality and Warranty

- ◆ Peak power of single module is guaranteed within 0/+3% power tolerance
- ◆ Average power of modules in single order is guaranteed not less than the peak power
- ◆ 5 years limited warranty on material and workmanship
- ◆ 12 years and 25 years limited warranty on minimum power output





## Electrical Data

Model		DJ -185D/A	DJ -190D/A	DJ -195D/A	DJ -200D/A
Peak Power (0/+3%)	P <sub>max</sub>	185W	190W	195W	200W
Rated Voltage	V <sub>mp</sub>	38.59 V	38.59 V	38.59 V	36.8 V
Rated Current	I <sub>mp</sub>	4.79A	4.92A	5.05A	5.43 A
Open Circuit Voltage	V <sub>oc</sub>	46.14 V	46.2 V	46.14 V	45.9 V
Short Circuit Current		5.27 A	5.42 A	5.56A	5.82A
Max Series Fuse Rating		10 A	10 A	10 A	10 A
Module Efficiency		14.5%	14.9%	15.2%	15.6%
Maximum System Voltage	IEC, UL	1000V, 600V	1000V, 600V	1000V, 600V	1000V, 600V
Temperature Coefficient	NOCT(Normal Operating Cell Temp.)	48°C±2°C			
	P <sub>max</sub>	-0.4667%/K			
	V <sub>oc</sub>	-0.345%/K			
	I <sub>sc</sub>	+0.1055%/K			

STC (Standard Test Condition): Irradiance 1000W/m<sup>2</sup>, Module Temperature 25°C, AM (Air Mass) = 1.5

## Mechanical Data

Solar Cell Size	125mm x 125mm (4.93" x 4.93")
No. of Cells	6 x 12 = 72
Dimension(LxWxT)	1581mmx809mmx40mm(62.2"x31.9"x1.6")
Weight	15.5kg (34.4 lbs)
Cable Length	900mm (35.4") for positive (+) and negative (-)
Junction Box	TUV&UL Certified, IP65, 1000VDC

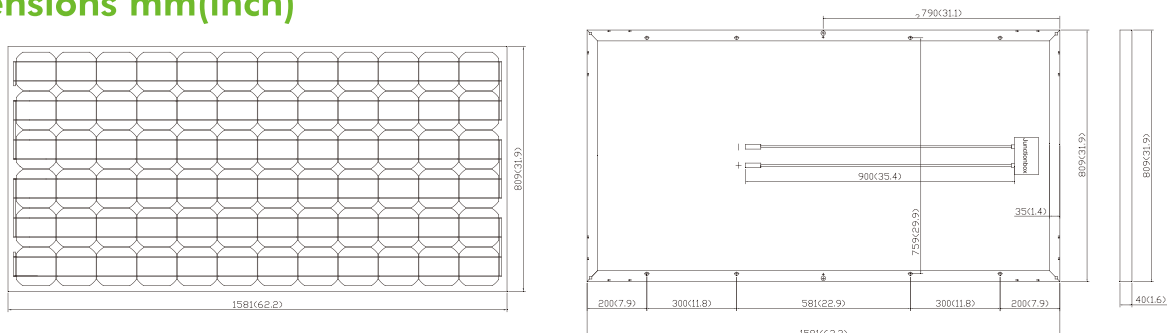
## Packaging Data

Pieces per 40' Container	728
Pallets per 40' Container	28
Pieces per Pallet	26
Weight per Pallet	403kgs(888.5lbs)
Gross Weight per Pallet	435kgs(959lbs)

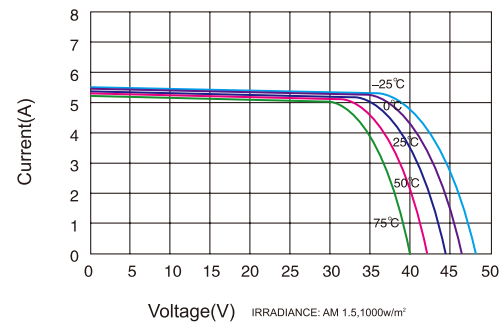
## Operating Conditions and Certifications

Operating Temperature	- 40°C to +85°C
Impact Resistance	Diameter of 28mm with impact speed of 86km/h
Certifications	TUV SUD, CQC, TUV Rheinland, UL, CE, ROHS, MCS, ISO9001

## Dimensions mm(inch)



## IV Curve



Current/voltage characteristics with dependence on irradiance and module temperature.