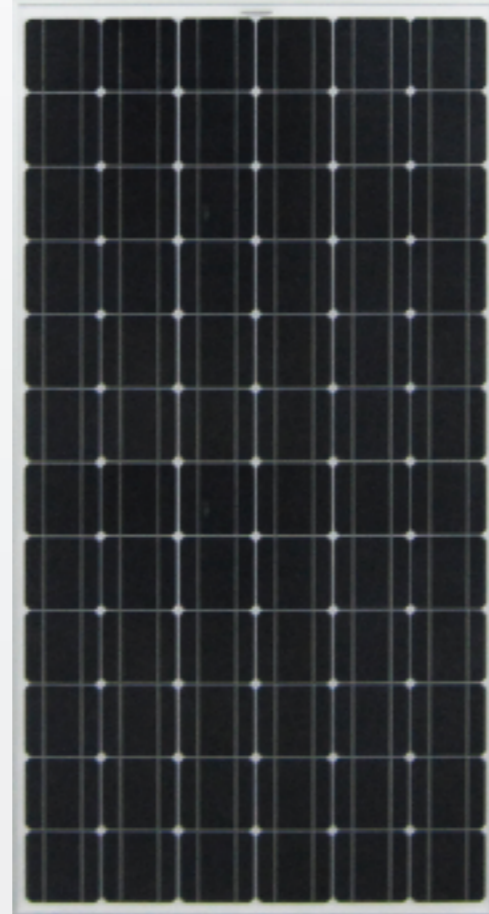


125 Series Monocrystalline Solar Module

180W - 190W



High Module Conversion Efficiency (Up to 14.88%)



Easy Installation and Handling for Various Applications



Strong Wind-pressure(2400Pa) & Snow Load (5400Pa)



Conform with PV Standards: IEC61215, IEC61730 and UL1703



QC System: ISO9001:2008

Warranty

5 Years Product Warranty (Material and Workmanship)

10 Years Warranty, 90% Power Output

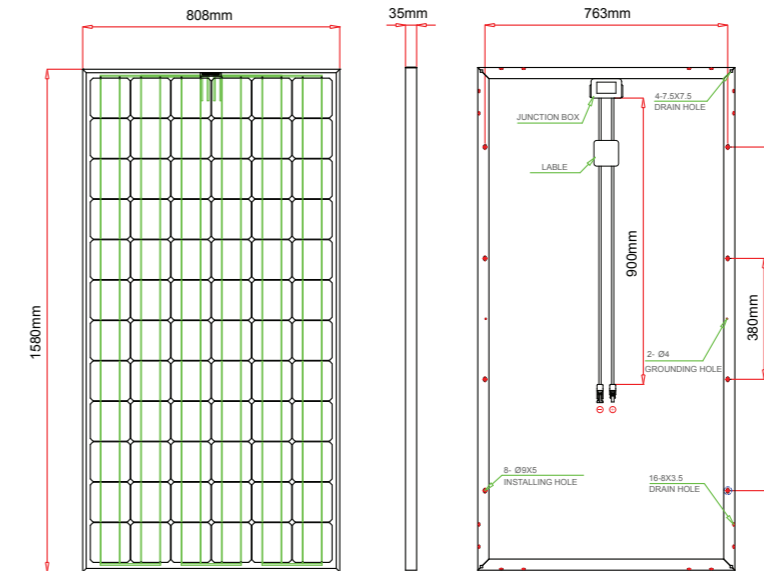
25 Years Warranty, 80% Power Output

ReneSola is a global leading manufacturer of solar wafers and provider of solar module OEM services. It provides solar products throughout the entire solar industry chain, including polysilicon feedstock (Sichuan Renesola), monocrystalline and polycrystalline ingots and wafers (Zhejiang Yuhui), solar cells and modules (Wuxi Jiacheng), which has established the top grade marketing reputation in the global markets.

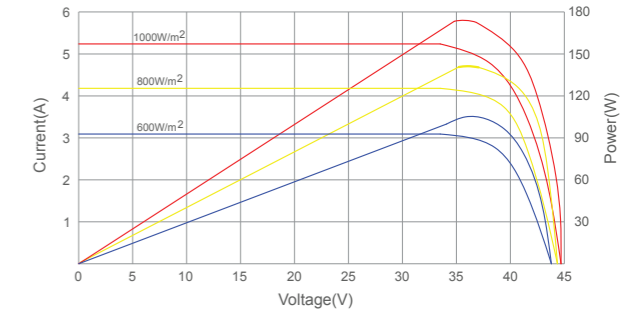


180W - 190W

Dimension of PV Module JCS-24/Db



I-V Curves of PV Module JCS-24/Db



Packing Information

Container	20'GP	40'GP	40'HQ
Pieces per Pallet	30	30	33
Pallets per Container	12	28	28
Pieces per Container	360	840	924

Electrical Data at STC

	JC180S-24/Db	JC185S-24/Db	JC190S-24/Db
Maximum Power (Pmax)	180W	185W	190W
Power Tolerance	±3%	±3%	±3%
Efficiency of Module	14.10%	14.50%	14.88%
Optimum Operation Current (Imp)	5.00A	5.08A	5.16A
Optimum Operation Voltage (Vmp)	36.0V	36.4V	36.8V
Short Circuit Current (Isc)	5.32A	5.43A	5.53A
Open Circuit Voltage (Voc)	44.8V	45.0V	45.2V

Values at Standard Test Conditions STC (Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Temperature Rating

Temperature Coefficient of Voc	-0.33%/ °C
Temperature Coefficient of Isc	0.04%/ °C
Temperature Coefficient of Pmax	-0.47%/ °C
Nominal Operating Cell Temperature (NOCT)	45 °C

General Data

Cell Type	125 x 125mm Monocrystalline, 72(6x12) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy, 20 Draining Holes in Frame
Junction Box	TUV Certified, IP65 rated connector

Mechanical Configuration

Dimension	1580x808x35mm
Installation Hole Location	1080x380x763mm
Cable Length	900mm
Weight	16Kg

Maximum Ratings

Operating Temperature	-40 ~ +85°C
Storage Temperature	-40 ~ +85°C
Maximum System Voltage	1000V (IEC) / 600V (UL)
Number of Bypass Diodes	3pcs
Maximum Series Fuse	10A