

KRS-M485W-156-9BB

Solar Panel Monocrystalline 485W

Mechanical parameters

Cell (mm)	9BB Mono 166mm * 80mm
Weight (kg)	25 kg (aprox.)
Glass Thickness	3.2mm
Dimensions (L * W * H) (mm)	2182*1029*35
Cable Cross Sections Size (mm ²)	4
Cable Cross Sections Length (mm)	1400
Number of cells and connections	156 (6*26)
Junction Box	IP68, 3 Bypass Diodes
Connector	MC4 compatible

Working Conditions

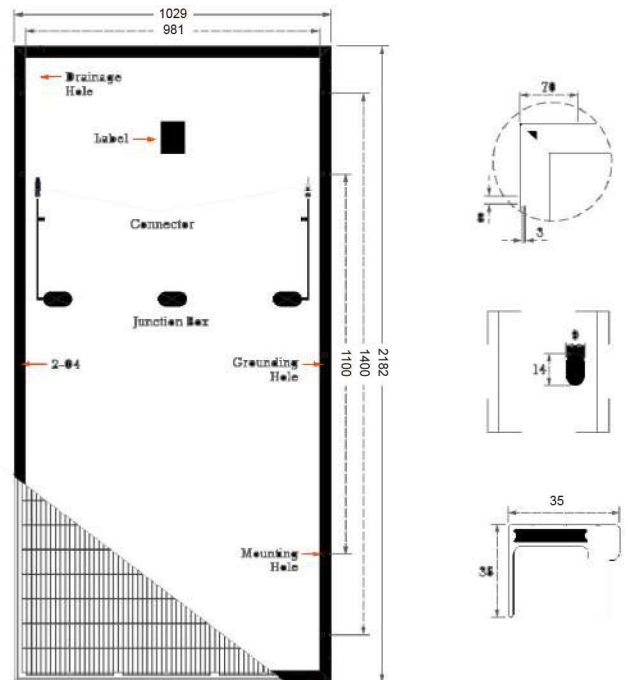
Maximum System Voltage	DC 1000V / 1500V (IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load Front (snow, wind)	5400Pa (112 lb/ft ²)
Maximum Static Load Back (wind)	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Positive Power Tolerance	0~+5%
Applications Class	Class A

Electrical Parameters

Module	KR-485M-156-9BB
Encapsulation	Class/Eva/Cell/Eva/Backsheet
Maximum Power Pmax (W)	485
Maximum Power Voltage (Vmp/V)	43.52
Maximum Power Current (Imp/A)	11.14
Open Circuit Voltage (Voc/V)	52.78
Short Circuit Current (Isc/A)	11.97
Cell Efficiency (%)	24.80
Module Efficiency (%)	20.93
Power Tolerance (W)	0~+3%
Temperature Coefficient of Isc (αIsc)	+0.048%/°C
Temperature Coefficient of Voc (βVoc)	-0.28%/°C
Temperature Coefficient of Pmax (γPmp)	-0.35%/°C
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Spectrum AM1.5

Warranty

12 years for product defects in materials & workmanship
25 years for 80% or warranted minimum power output



Reliable Quality

Positive Power Tolerance: 0~+3%

100% EL double inspection ensures modules are defects free

Modules Binned by Current to Improve system performance

Potential induced Degradation (PID) Resistant

