



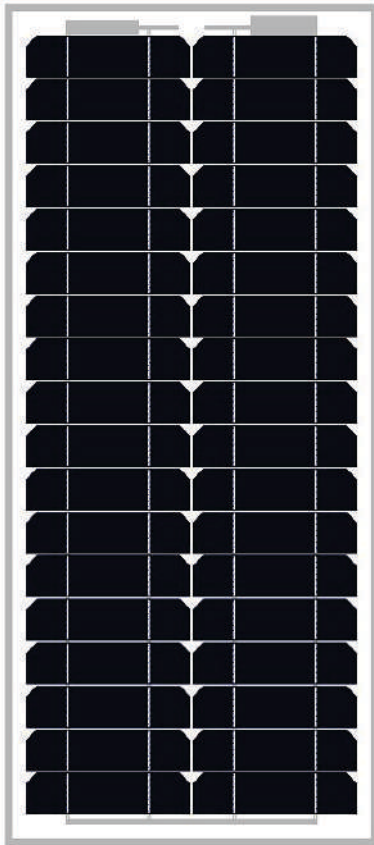
IGNITE THE POWER OF NATURE

Monocrystalline PV Module

RD20MC

36 Cells 14.65% Cells Efficiency

1500VDC Maximum system voltage



Benefits

- High efficiency solar cells with high transmission and textured glass are delivering high efficiency for modules;
- Bypass diode minimizes the power drop caused by shade;
- Tempered glass, EVA resin, and weatherproof film, plus aluminum frame for extended outdoor use;
- Modules independently tested to ensure conformance with certification and regulatory standards;
- Manufacturing facility certified to ISO 9001/ISO 14001 quality management system standards.

KEY FEATURES

OUTPUT POSITIVE TOLERANCE:

Guaranteed 0~+5W positive tolerance ensures power output reliability.

PASSED HAIL TEST:

Certified to hail resistance: ice ball size (d=45mm) and ice ball velocity(v=23.m/s).

PID RESISTANCE:

Excellent PID resistance at (-40°C~+85°C) test, and also can be improved to meet higher standards for the particularly harsh environment.

EXCELLENT MECHANICAL LOAD CAPABILITY:

Certified to withstand: snow load (5400 Pa) and wind load (2400 Pa).

WARRANTIES :

10 year limited product warranty; 25 year limited power output warranty, Please refer to our Warranty Terms and Conditions.

COMPREHENSIVE CERTIFICATES

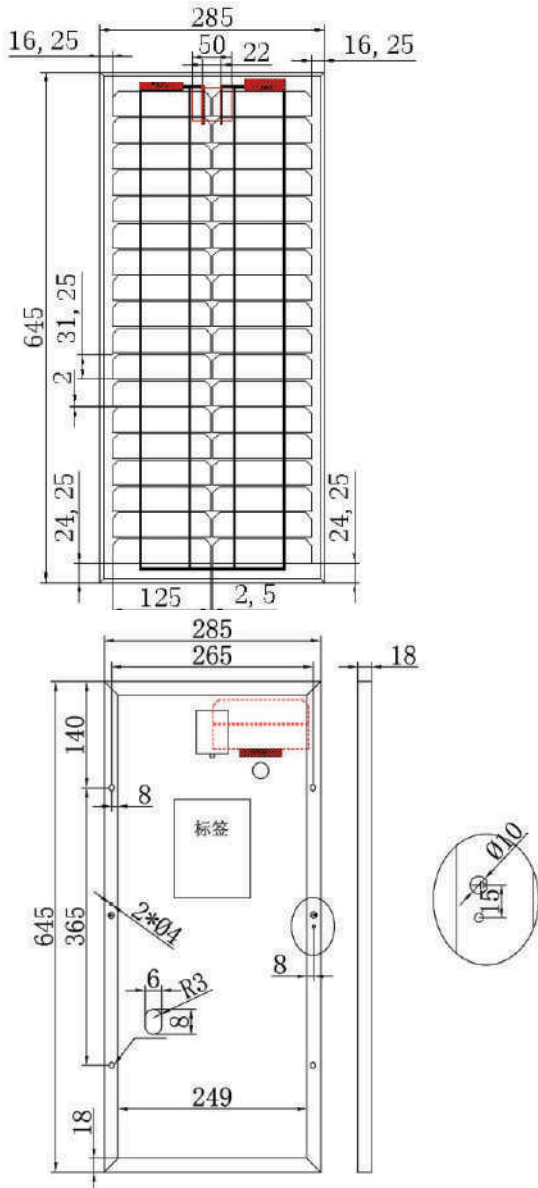




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MODULE DIMENSION DETAILS



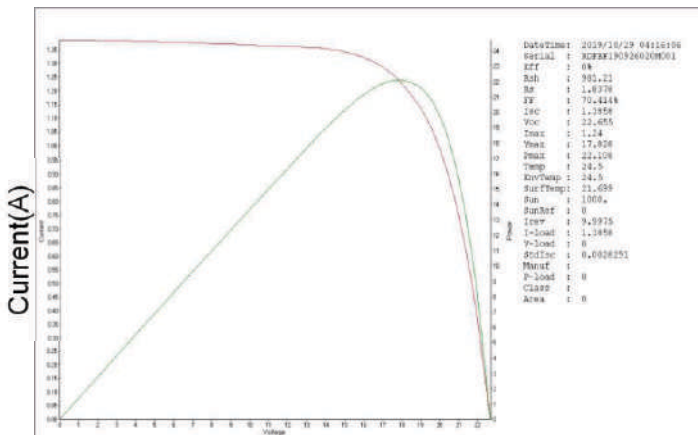
ELECTRICAL SPECIFICATIONS

AT STC(AM1.5,Temp 25°C,E 1000W/m²)		
Module Type		RD20MC
Power output	Pmax	20W
Module efficiency(%)	m	10.88%
Voltage at Pmax	Vmp	18.25V
Current at Pmax	Imp	1.10A
Open circuit voltage	Voc	22.48V
Short circuit current	Isc	1.21A

Mechanical Data

Module Demision (mm)	645×285×18
Cells Type	125×31.25mm 36 (2×18)
Weight (kg)	2.0
Glass	High transmission glass 3.2mm
Front Material	Anodized aluminium alloy
Junction box IP rating	IP67 Rated
Output Cables	cable
Bypass Diode Rating(A)	5
Fire performance	Class C
Certifications	IEC 61215, IEC 61730

I-V Curves



Working Conditions & Temperature

Temperature coefficient (P mp)	-0.39%/°C
Temperature coefficient (I sc)	+0.05%/°C
Temperature coefficient (V oc)	-0.29%/°C
NOCT	45°C±2°C
Maximum system voltage (IEC)	1500V DC
Maximum series fuse rating	5A

Packing

packing unit	Wooden box
	80pcs/Pallets

Voltage (v)