



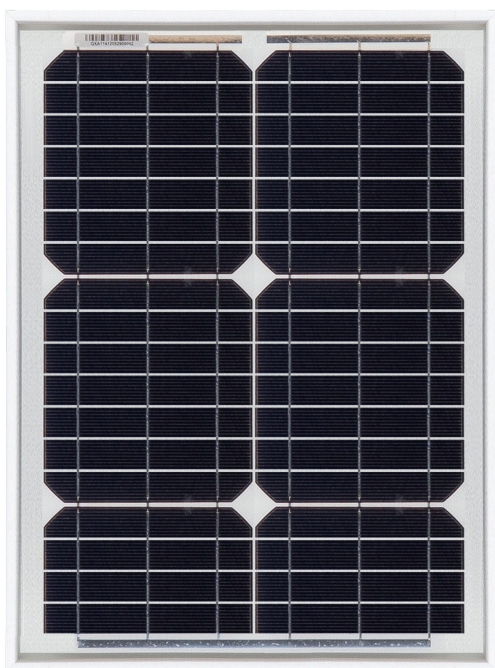
IGNITE THE POWER OF NATURE

Monocrystalline Module --small size 20Watt

Model (RD20TU-18MD) Specifications

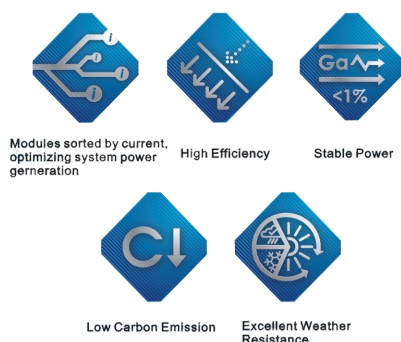
Electrical Data

Maximum Power(W)	20W
Optimum Power Voltage(Vmp)	17.82V
Optimum Operating Current(Imp)	1.12A
Open Circuit Voltage(Voc)	22.54V
Short Circuit Current(Isc)	1.20A
Cell Efficiency	17.50%
Module Efficiency	11.45%
Tolerance Wattage	0~+3%
NOCT	47°C +/-2°C



Benefits

- ☐ High efficiency solar cells with high transmission and textured glass are delivering high efficiency for modules;
- ☐ 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 quality management system standards.



Applications

- ☐ On-grid residential roof-tops
- ☐ On-grid commercial/industrial roof-tops
- ☐ Solar power stations
- ☐ Other on-grid applications

Temperature Coefficients

Temperature Coefficients of Isc(%)°C	+0.04
Temperature Coefficients of Voc(%)°C	-0.38
Temperature Coefficients of Pm(%)°C	-0.47
Temperature Coefficients of Im(%)°C	+0.04
Temperature Coefficients of Vm(%)°C	-0.38



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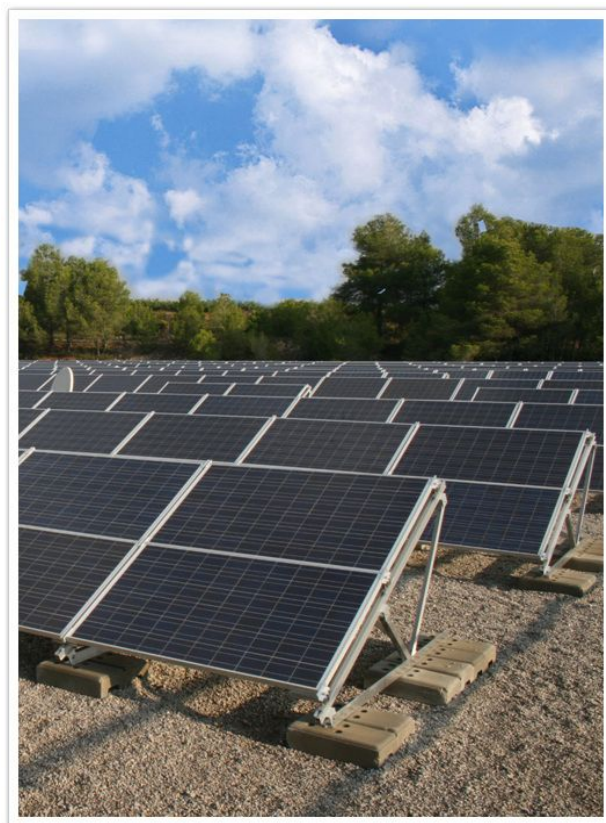
Components & Mechanical

Solar Cell	156*21.9 (23.5)	Mono
Number of Cell(pcs)	2*18	
Size of Module(mm)	485*360*25	
Front Glass Thikness(mm)	3.2	
Surface Maximum Load Capacity	2400-5400Pa	
Allowable Hail Load	23m/s ,7.53g	
Weight Per Piece(KG)	2.3	
Frame(Material Corners,etc.)	25#	
Temperature Range	-40°C to +85°C	
FF (%)	70-76%	
Standard Test Conditions	AM1.5 1000W/m ² 25°C	

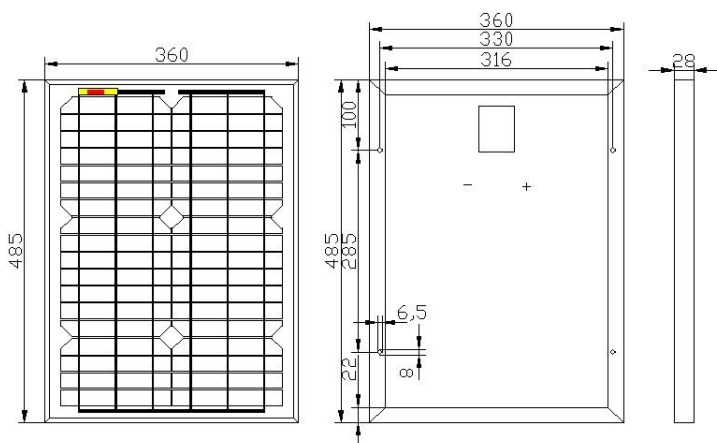
Packing

Packing	Wooden Box
Pieces per container	140pcs/Pallets

Proiect Picture



Engineering Drawings



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



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