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RTM-200M

39 Cells

Mono-crystalline

200W

Power output

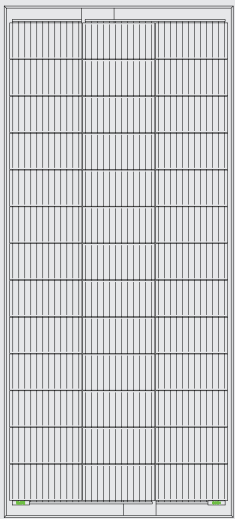
19.87%

The Highest Efficiency

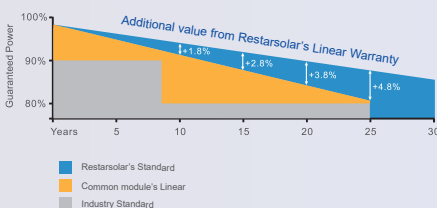
0~+5W

Tolerance

RTM-200M is a robust solar module with 39 solar cells. These modules can be used for on-grid solar applications. Our meticulous design and production techniques ensure a high-yield, long-term performance for every module produced. Our rigorous quality control and in-house testing facilities guarantee Restarsolar's modules meet the highest quality standards possible.



**0.5% Annual Degradation
 over 30 years**



High module conversion efficiency (up to 19.87%), through superior manufacturing technology



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



Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust



Excellent performance under low light environments (mornings, evenings and cloudy days)



Suitable for harsh environments, such as coasts, deserts and lakes. Withstand high level of wind loads (2400pa) and snow loads (5400pa)

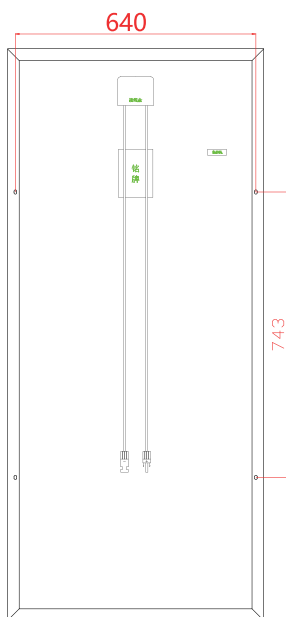
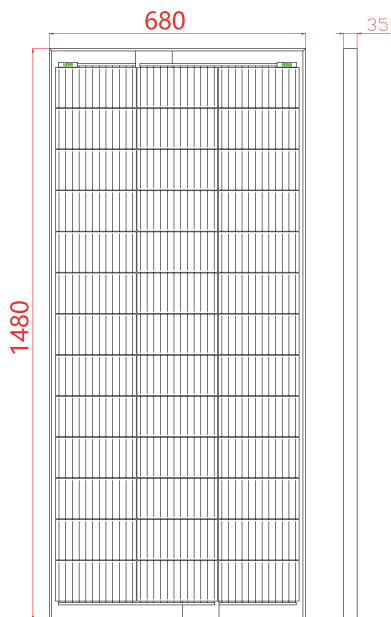
Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716



LINEAR PERFORMANCE WARRANTY
 12 year Product Warranty / 30 year Linear Power Warranty

Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	200.08
Open Circuit Voltage-Voc(V)	27.20
Short Circuit Current-Isc(A)	9.42
Maximum Power Voltage-Vmp(V)	22.84
Maximum Power Current-Imp(A)	8.76
Module Efficiency (%)	19.87%

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	149.26
Open Circuit Voltage-Voc (V)	25.49
Short Circuit Current-Isc (A)	7.61
Maximum Power Voltage-Vmp(V)	21.27
Maximum Power Current-Imp(A)	7.02

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar cells	Mono-crystalline 210*105mm,12Bus bars
Cell configuration	39cells(3*13)
Module dimensions	1480*680*35mm
Weight	11.2kg
Front Cover	3.2mm Tempered Glass
J-BOX	IP68
Cable	4mm ² (IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	2pcs/pallet

TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C ±2°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.35%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V(IEC)/1500V(UL)
Max Series Fuse Rating	15A
Limiting Reverse Current	15A

PACKAGING CONFIGURATION

Number of modules per container	
Package	
Package Weight	
Package Number	
Package Dimension	