



RTM025P

36 Cells
 Poly-crystalline

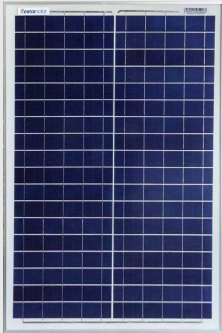
25W
 Power output

13.23%
 The Highest Efficiency

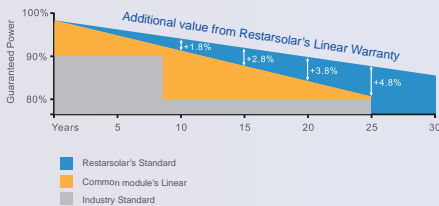
0~+5W
 Tolerance

WWW.RESTARSOLAR.COM

RTM025P is a robust solar module with 36 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 Resun Solar's modules meet the highest quality standards possible.



0.5% Annual Degradation over 30 years



12 Year Product Warranty
30 Year Linear Power Warranty



High module conversion efficiency (up to 13.23%), 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)



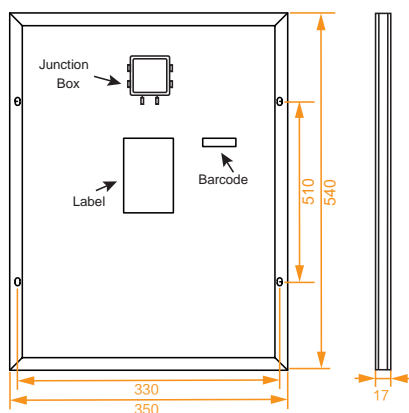
Suitable for harsh environments, such as coasts, deserts and lakes. Withstand high level of wind loads (2400pa) and snow loads (5400pa)

Full range of products and certification systems

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



Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	25W
Open Circuit Voltage-Voc(V)	21.80V
Short Circuit Current-Isc(A)	1.51A
Maximum Power Voltage-Vmp(V)	18.40V
Maximum Power Current-Imp(A)	1.36A
Module Efficiency (%)	13.23%

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)	20.43W
Open Circuit Voltage-Voc (V)	21.02V
Short Circuit Current-Isc (A)	1.22A
Maximum Power Voltage-Vmp(V)	17.14V
Maximum Power Current-Imp(A)	1.09A

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

MECHANICAL DATA

Solar cells	Poly-crystalline 78*52mm, 5 Bus bars
Cell configuration	36 cells(4x9)
Module dimensions	540x350x17mm
Weight	1.7KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 3 Diodes
Cable	2.5mm ² (IEC)/12AWG(UL),800mm or customized length
Connectors	MC4 or MC4 Compatible
Standard Packaging	20pcs/carton

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	-0.39%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V(IEC)/600V(UL)
Max Series Fuse Rating	15A
Limiting Reverse Current	15A

