

GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER



## 36 Cells

Poly-crystalline

## 30W

Power output

12.61%

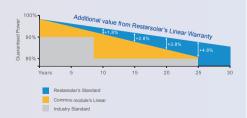
The Highest Efficiency

## $0 \sim +5W$

**Tolerance** 



# 0.5% Annual Degradation over 30 years



LINEAR PERFORMANCE WARRANTY 12 year Product Warranty / 30 year Linear Power Warranty WWW.RESTARSOLAR.COM

RTM-30P 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.



High module conversion efficiency (up to 12.61%), 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









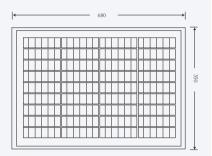






GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

#### Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)		
Rated Power in Watts-Pmax(Wp)	30W	
Open Circuit Voltage-Voc(V)	22.68V	
Short Circuit Current-Isc(A)	1.76A	
Maximum Power Voltage-Vmp(V)	18.54V	
Maximum Power Current-Imp(A)	1.62A	
Module Efficiency (%)	12.61%	

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

	350	$\overrightarrow{\uparrow}$
	4-11x7	:
	312	680
	312	
25		<u></u>

ELECTRICAL DATA(NOCT)		
Maximum Power-Pmax (Wp)	22.19W	
Open Circuit Voltage-Voc (V)	21.70V	
Short Circuit Current-Isc (A)	1.38A	
Maximum Power Voltage-Vmp(V)	17.20V	
Maximum Power Current-Imp(A)	1.29A	

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

Solar energy

MECHANICAL DATA		
Solar cells	Poly-crystalline 156x31.2mm 4 or 5 Bus bars	
Cell configuration	36 cells(4x9)	
Module dimensions	680x350x25 mm	
Weight	3.77KGS	
Front Cover	3.2mm Tempered Glass	
Frame Material	Anodized Aluminum Alloy	
J-BOX	IP65 or IP67, 1 Diodes	
Cable	2.5mm2(IEC)/12AWG(UL),900mm	
Connectors	MC4 or MC4 Comparable	
Standard Packaging	10pcs/suite box	

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	10A	
Limiting Reverse Current	10A	

GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER