

All-Purpose Module

RTM-05/10/20/50P is a robust solar module with 18 or 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.



Polycrystalline Silicon Solar Modules

Features



High module conversion efficiency (up to 13.85%), through superior manufacturing technology



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



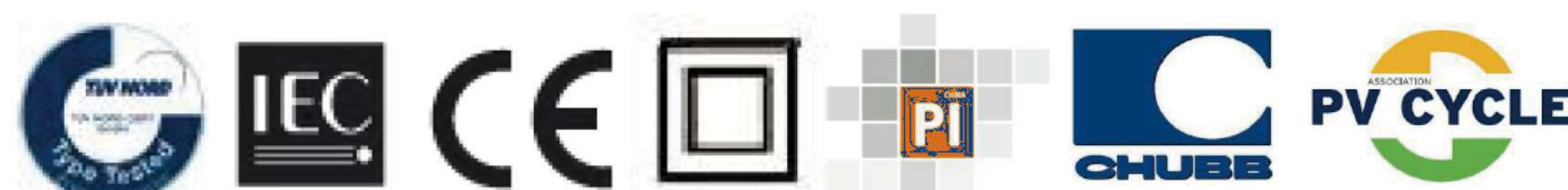
Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust



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



Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)*



Electrical Data



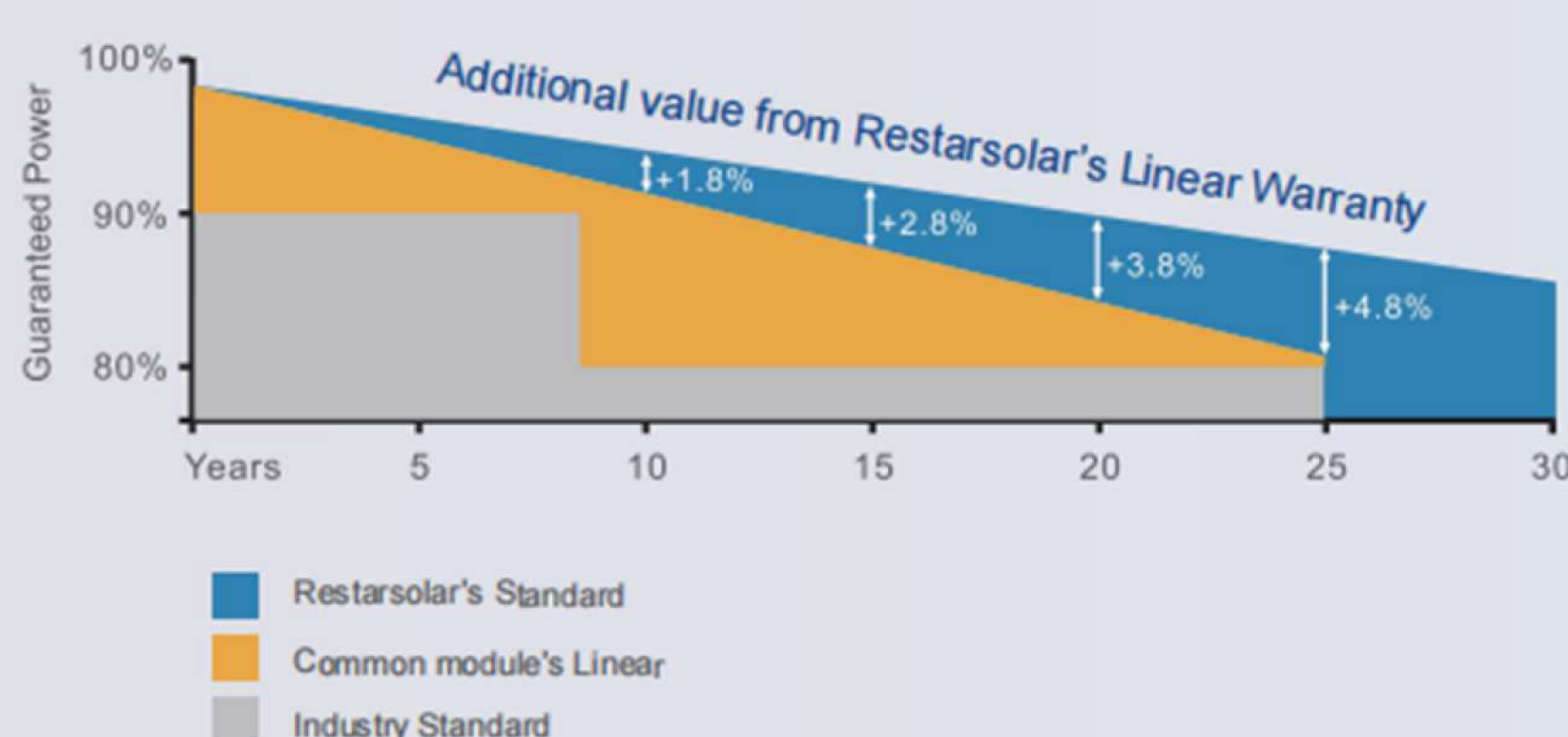
STC	RTM05P	RTM10P	RTM20P	RTM50P
Nominal Maximum Power(Pmax)	5W	10W	20W	50W
Optimum Operating Voltage(Vmp)	17.28V	17.43V	17.25V	17.22V
Optimum Operating Current(Imp)	0.29A	0.58A	1.16A	2.91A
Open CIRCUIT voltage(Voc)	21.27V	21.18V	21.2V	21.11V
Short Circuit Current(Isc)	0.32A	0.63A	1.27A	3.21A
Dimensions(mm)	300*190*17	420*260*17	450*350*17	670*540*30
Weight(kg)	0.34	1.2	3.0	5.90
Operating Temperature	-40°C~+85°C			
Maximum System Voltage	1000V(IEC)/600V(UL)			
Maximum Series Fuse Rating	15A			
Application Classification	Class A			
Power Tolerance	0 ~ + 5W			

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	12A
Limiting Reverse Current	12A

Industry-leading warranty

0.5% Annual Degradation over 30 years



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

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