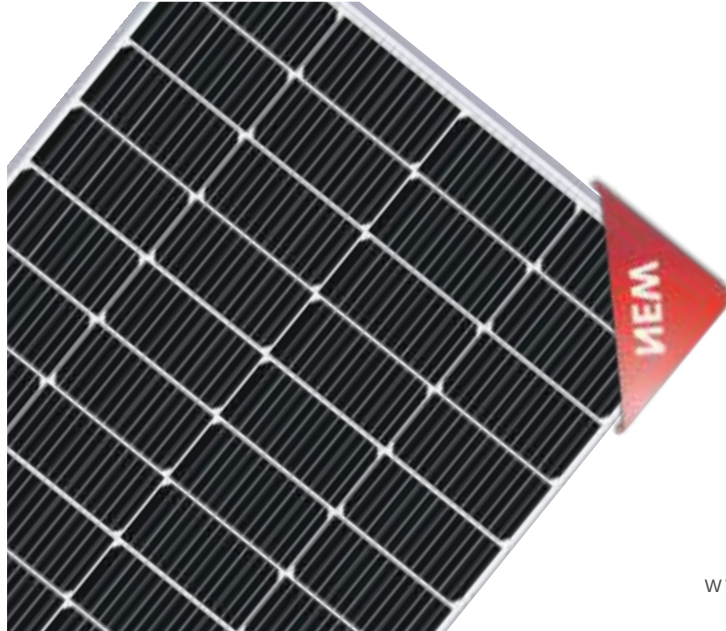




WWW.RESUNSOLAR.COM



64 Cells

Mono-crystalline, 210*105mm

340W

Power output

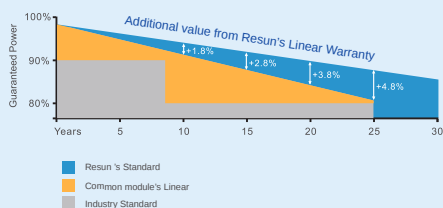
22.08%

The Highest Efficiency

0~+5W

Tolerance

**0.5% Annual Degradation
over 30 years**



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

RSM340M

RSM340M is a robust solar module with 64 solar cells. These modules can be used for off-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 22.08%), 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

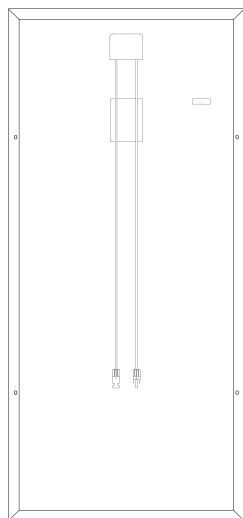
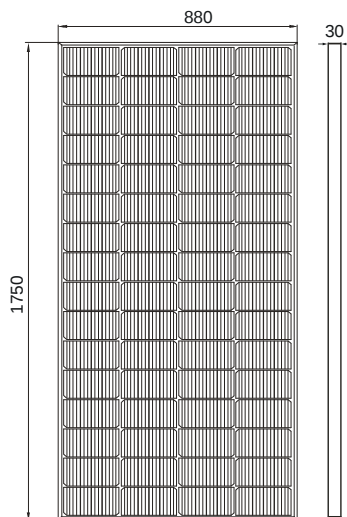


RSM340M

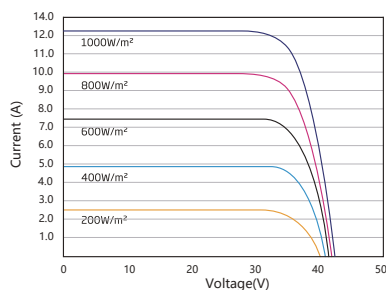


GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

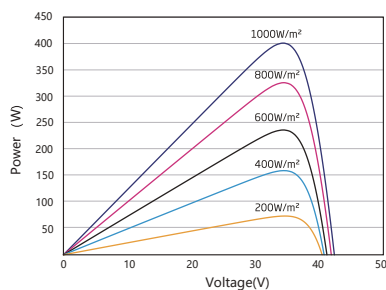
Dimension of PV Modules Unit: mm



I-V CURVES OF PV MODULE



P-V CURVES OF PV MODULE



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	340
Open Circuit Voltage-Voc(V)	45.00
Short Circuit Current-Isc(A)	9.66
Maximum Power Voltage-Vmp(V)	37.21
Maximum Power Current-Imp(A)	9.14
Module Efficiency	22.08%

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)	253.71
Open Circuit Voltage-Voc (V)	42.17
Short Circuit Current-Isc(A)	7.81
Maximum Power Voltage-Vmp(V)	34.66
Maximum Power Current-Imp(A)	7.32

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

MECHANICAL DATA

Solar Cells	Mono-crystalline 210*105mm
Cell Configuration	64cells(4*16)
Module Dimensions	1750*880*30mm
Weight	15.5kg
Front Cover	3.2mm Tempered Glass
J-Box	IP68
Cable	4mm²(IEC)/12AWG(UL), 900mm, or customized
Connectors	MC4 or MC4 Comparable
Standard Packaging	36 pcs/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	-0.39%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V(IEC)/1500V(UL)
Max Series Fuse Rating	20A
Limiting Reverse Current	20A

PACKAGING CONFIGURATION

Number of modules per container	
Package	
Package Number	

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