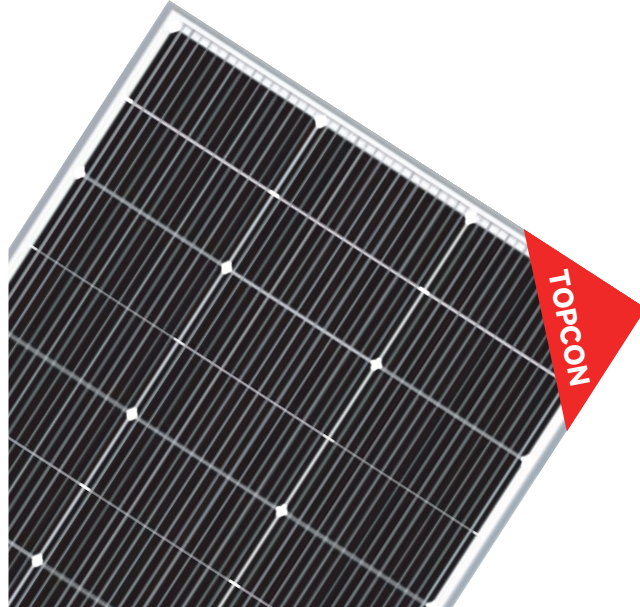
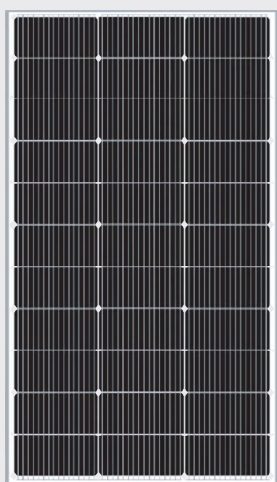




RESUN SOLAR POWER CO.,LTD.



WWW.RESUNSOLAR.COM



33 Cells

Mono, TOPCON 16BB

100-120W

Power output

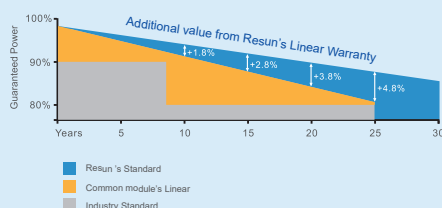
20.28%

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

RSM100-120M

RSM100-120M is a robust solar module with 33 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 14.63%), 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

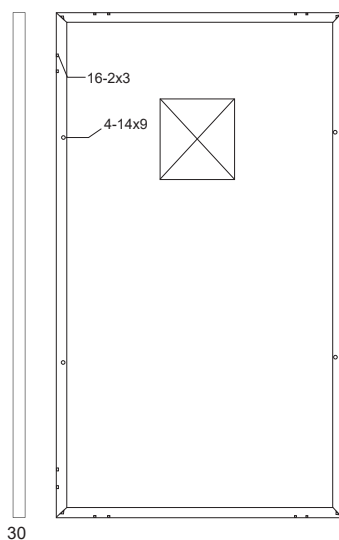
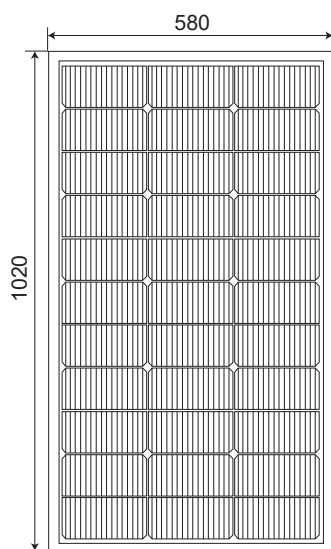


RSM100-120M



GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm



30

ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	100	110	120
Open Circuit Voltage-Voc(V)	22.40	22.60	22.80
Short Circuit Current-Isc(A)	5.78	6.26	6.73
Maximum Power Voltage-Vmp(V)	18.70	18.90	19.10
Maximum Power Current-Imp(A)	5.35	5.83	6.29
Module Efficiency (%)	16.90%	18.59%	20.28%

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)	74.63	82.20	89.62
Open Circuit Voltage-Voc (V)	20.99	21.18	21.36
Short Circuit Current-Isc (A)	4.67	5.06	5.44
Maximum Power Voltage-Vmp(V)	17.42	17.60	17.79
Maximum Power Current-Imp(A)	4.29	4.67	5.04

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

MECHANICAL DATA

Solar cells	Mono-crystalline 182*85mm, 16 Bus bars
Cell configuration	33 cells(3*11)
Module dimensions	1020*580*25/30mm
Weight	5.9/6.2kg
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 or IP68, 3 Diodes
Cable	4mm2(IEC)/12AWG(UL), 800mm
Connectors	MC4 or MC4 Compatible

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	1000V(IEC)/1000V(UL)
Max Series Fuse Rating	15A
Limiting Reverse Current	15A

PACKAGING CONFIGURATION

5pcs/carton
580cartons/40HQ=2900pcs