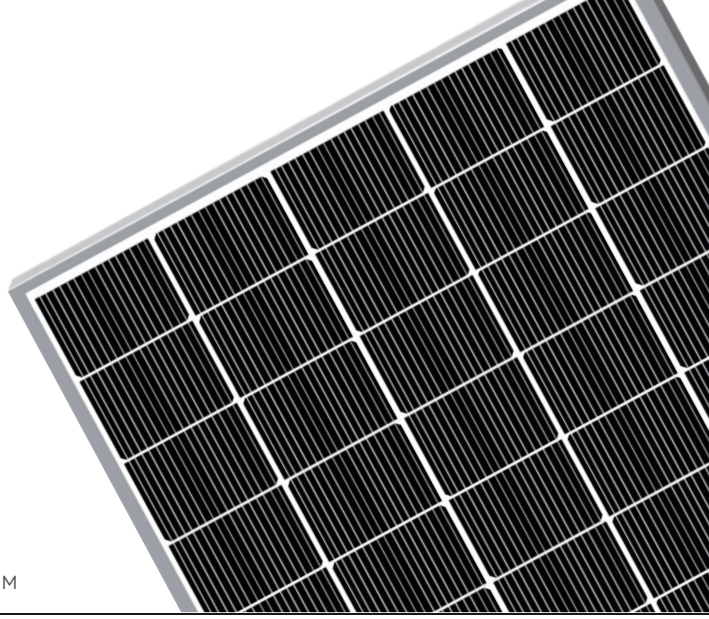
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Restarsolar, power the life

GLOBALPROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER



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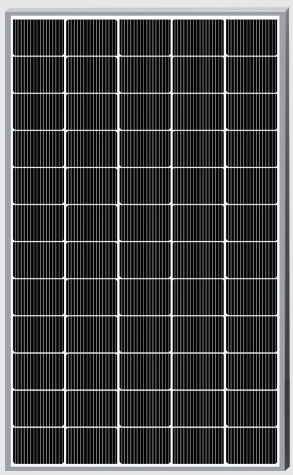
RTM250-330M

60 Cells
Mono 5*12, 182*130mm

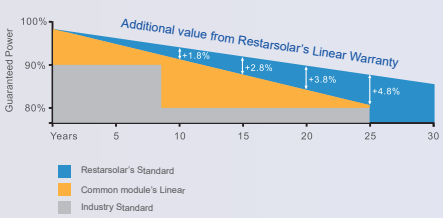
250-330W
Power output

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

RTM250-330M

RTM250-330M HALF-CELL series is produced with high efficiency multi-busbar cells, which can reduce the module internal power loss to improve its conversion efficiency, as well as lower the failure risk caused by cracks and broken busbar to enhance the module reliability. Combined with half-cell technology, the module is highly resistant to hot-spot crisis caused by shadow effect.

High Reliability
Multi-busbar technology can effectively reduce the reliability risk caused by cells cracks and broken busbar.

Anti-PID Resistance
Prominent anti-PID performance reduces the power degradation, leading to higher energy yield and lower LCOE.

Durability Against Extreme Conditions
Certified to resist high salt mist and ammonia conditions.

High Efficiency
Multi-busbar technology can reduce the module internal power loss to improve the module conversion efficiency significantly.

Low-Light Performance
With high transmittance and anti-reflective 3.2mm tempered glass,the module has stronger performance under low light circumstances.

High Mechanical Strength
Certified to withstand: high wind load(2400Pa) and snow load(5400Pa).

Full range of products and certification systems

ISO 9001/14001 TUV PID-FREE CE IEC 61215/61730/61701/62716

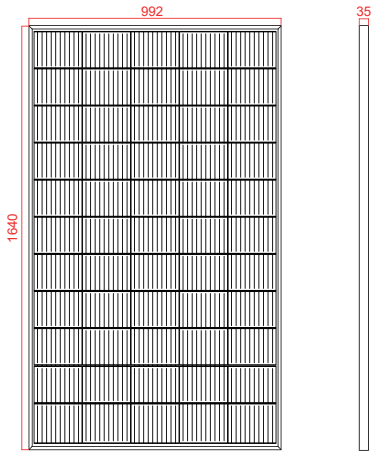
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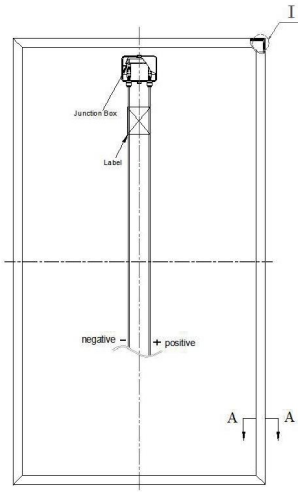
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RTM250-330M

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Dimension of PV Modules Unit: mm





Back

ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	250	280	290	300	310	320	330
Open Circuit Voltage-Voc(V)	40.20	41.10	41.30	41.50	41.70	41.90	42.10
Short Circuit Current-Isc(A)	8.18	8.82	9.06	9.30	9.54	9.76	9.98
Maximum Power Voltage-Vmp(V)	32.95	33.96	34.16	34.37	34.57	34.76	34.96
Maximum Power Current-Imp(A)	7.59	8.25	8.49	8.73	8.97	9.21	9.44
Module Efficiency	15.37%	17.21%	17.83%	18.44%	19.05%	19.67%	20.28%

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

ELECTRICAL DATA(NOCT)

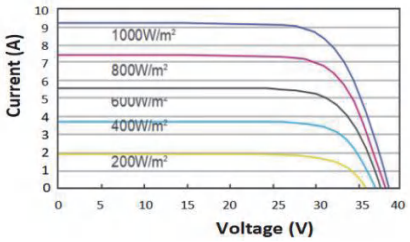
Maximum Power-Pmax(Wp)	186.57	209.01	216.35	223.84	231.33	238.82	246.20
Open Circuit Voltage-Voc (V)	37.67	38.51	38.70	38.89	39.07	39.26	39.45
Short Circuit Current-Isc(A)	6.61	7.13	7.32	7.51	7.71	7.89	8.06
Maximum Power Voltage-Vmp(V)	30.69	31.63	31.81	32.01	32.20	32.37	32.56
Maximum Power Current-Imp(A)	6.08	6.61	6.80	6.99	7.18	7.38	7.56

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

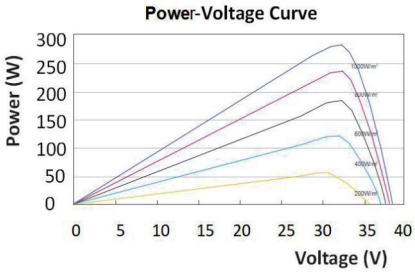
MECHANICAL DATA

Solar cells	Mono-crystalline 182*130mm， Multi Bus bars
Cell configuration	60cells(5*12)
Module dimensions	1640*992*35mm
Weight	18.0kg
Front Cover	3.2mm Tempered Glass
J-BOX	IP68
Cable	4mm²(IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	30pcs/pallet

Current-Voltage Curve



Power-Voltage Curve



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

	40HQ
Number of modules per container	924pcs
Package	30pcs/pallet, 2pcs/carton
Package Number	28pallets + 42 cartons

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