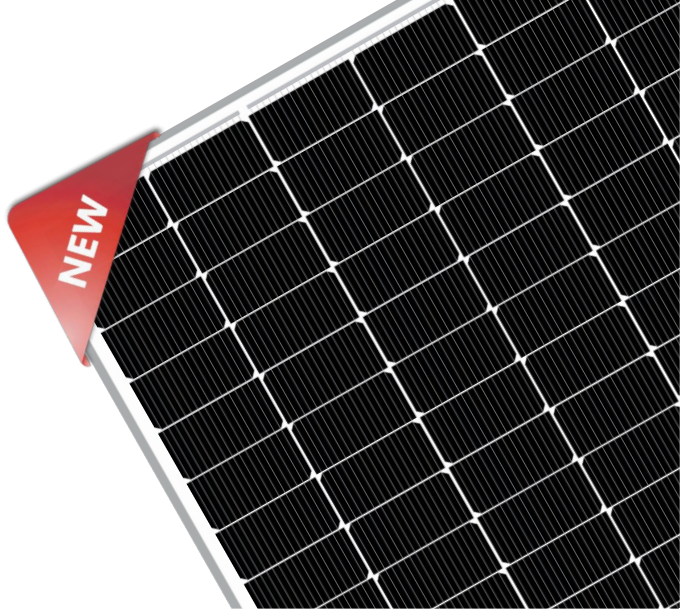
Quality Maker®
Restarsolar, power the life

GLOBALPROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER



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RT9H-M

132 Cells
N-type Topcon Mono 18 BB

725-750W
Power output

24.14%
The Highest Efficiency

0~+5W
Tolerance



RT9H-M(TOPCON)

RT9H-M 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-spotcrisis 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.

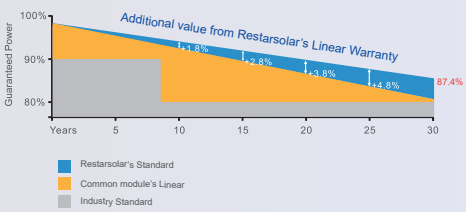
Durability Against Extreme Conditions
Certified to resist high salt mist and ammonia conditions.

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).

0.42% Annual Degradation over 30 years



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty
30 Year Linear Power Warranty

Full range of products and certification systems

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

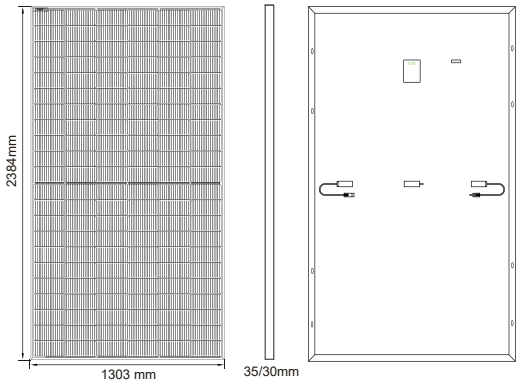
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RT9H-M(TOPCON)

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Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	725	730	735	740	745	750
Open Circuit Voltage-Voc(V)	49.60	49.80	50.00	50.20	50.40	50.60
Short Circuit Current-Isc(A)	18.52	18.56	18.60	18.63	18.67	18.70
Maximum Power Voltage-Vmp(V)	41.50	41.70	41.90	42.10	42.30	42.50
Maximum Power Current-Imp(A)	17.47	17.51	17.55	17.58	17.62	17.65
Module Efficiency	23.34%	23.50%	23.66%	23.82%	23.98%	24.14%

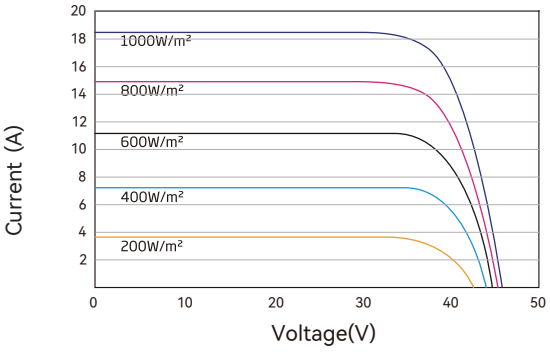
STC: Irradiance 1000 W/m², Cell Temperature 25°C,Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA(NOCT)

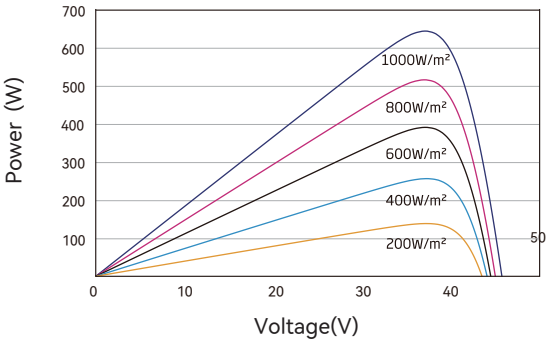
Maximum Power-Pmax(Wp)	554	558	562	566	570	574
Open Circuit Voltage-Voc (V)	46.87	47.06	47.25	47.44	47.63	47.82
Short Circuit Current-Isc(A)	14.96	15.00	15.03	15.05	15.09	15.11
Maximum Power Voltage-Vmp(V)	39.01	39.20	39.39	39.57	39.76	39.95
Maximum Power Current-Imp(A)	14.20	14.24	14.27	14.30	14.34	14.37

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

I-V CURVES OF PV MODULE



P-V CURVES OF PV MODULE



MECHANICAL DATA

Solar Cells	Mono-crystalline 210*105mm,18/Busbars
Cell Configuration	132cells(6*22)
Module Dimensions	2384*1303*30mm/35mm
Weight	32.3kg/33.6kg
Front Cover	3.2mm Tempered Glass
J-Box	IP68
Cable	4mm²(IEC)/12AWG(UL),300mm+300mm, or customized
Connectors	MC4 or MC4 Comparable
Standard Packaging	36/31pcs/pallet

TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature(NOCT)	45°C±2°C
Temperature Coefficient of Voc	-0.25%/C
Temperature Coefficient of Isc	0.045%/C
Temperature Coefficient of Pmax	-0.30%/C
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V(IEC)/1500V(UL)
Max Series Fuse Rating	30A
Limiting Reverse Current	30A

PACKAGING CONFIGURATION

	40HQ
Number of modules per container	648/558pcs
Package	36/31pcs/pallet
Package Number	18pallets

Add: No: 30 Yongshun Road, Zhulin Town, Jintan District, Changzhou, Jiangsu Province, China
Tel: +86 512-66292101
E-mail: sales@restarsolar.com
Web: www.restarsolar.com