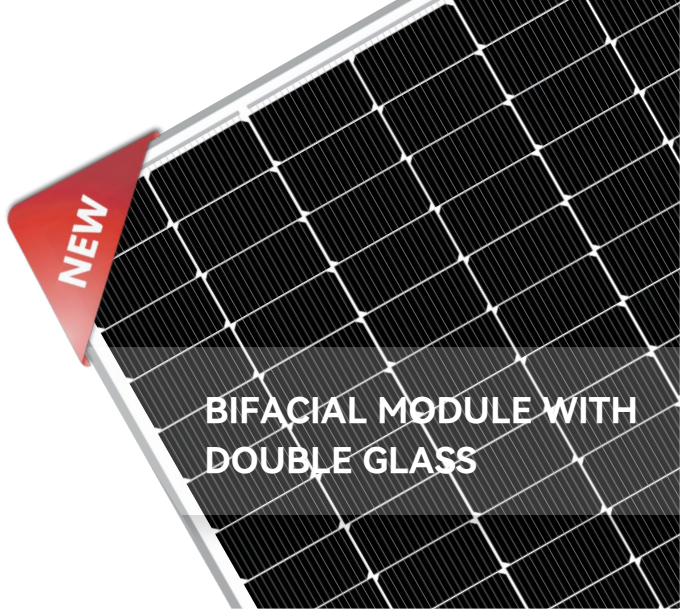
Quality Maker®
Restarsolar, power the life

GLOBALPROFESSIONAL PVPRODUCTS INTEGRATED SOLUTIONS SUPPLIER



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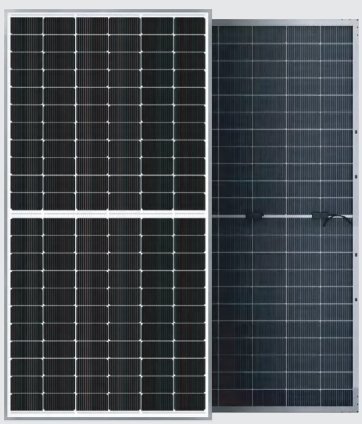
RT9H-M-DG

132 Cells
Mono Topcon 18 BB

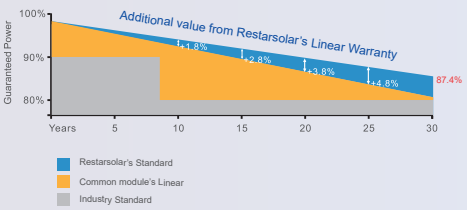
725-750W
Power output

24.14%
The Highest Efficiency

0~+5W
Tolerance



0.42% Annual Degradation over 30 years



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty
30 Year Linear Power Warranty

RT9H-M-DG

RT9H-M-DG 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 wel l 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 2.0+2.0mm 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

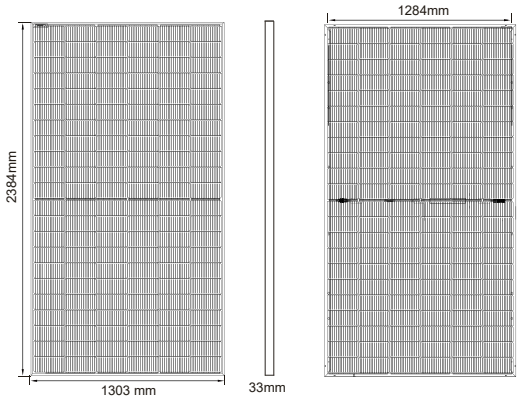
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RT9H-M-DG
TOPCON

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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)

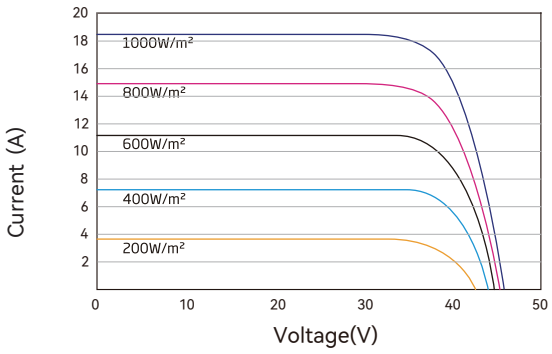
Maximum Power-Pmax(Wp)	554	558	562	566	570	574
Open Circuit Voltage-Voc (V)	46.87	47.06	47.25	47.44	47.63	47.82
Short Circuit Current-Isc(A)	14.96	15.00	15.03	15.05	15.09	15.11
Maximum Power Voltage-Vmp(V)	39.01	39.20	39.39	39.57	39.76	39.95
Maximum Power Current-Imp(A)	14.20	14.24	14.27	14.30	14.34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

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

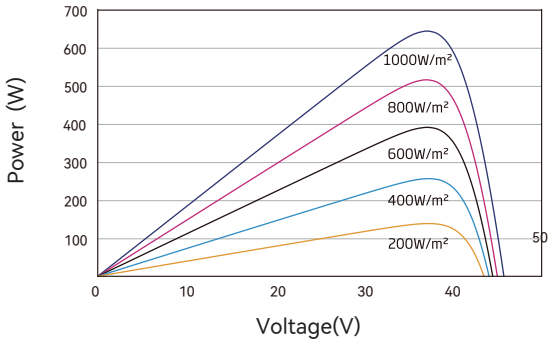
INEGRATED PWER @ STC (REFRENCE TO 10%)

Maximum Power-Pmax(Wp)	797	803	808	814	819	825
Open Circuit Voltage-Voc (V)	49.60	49.80	50.00	50.20	50.40	50.60
Short Circuit Current-Isc(A)	20.34	20.38	20.42	20.46	20.50	20.54
Maximum Power Voltage-Vmp(V)	41.50	41.70	41.90	42.10	42.30	42.50
Maximum Power Current-Imp(A)	19.21	19.25	19.29	19.33	19.37	19.41
Module Efficiency	29.48%	29.70%	29.89%	30.11%	30.29%	30.52%
BNPI/Isc(BSI)	22.96	23.01	23.06	23.10	23.15	23.19

I-V CURVES OF PV MODULE(675 W)



P-V CURVES OF PV MODULE(675W)



MECHANICAL DATA

Solar Cells	Mono-crystalline 210*105mm,18/Busbars
Cell Configuration	132cells(6*22)
Module Dimensions	2384*1303*30mm
Weight	37.6kg
Front Cover	2.0+2.0mm Tempered Glass
J-Box	IP68
Cable	4mm²(IEC)/12AWG(UL),300mm+300mm
Connectors	MC4 or MC4 Comparable

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 pcs
Package	36 pcs/pallet
Package Number	18 pallets

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