

## RT-M

### 36 Cells

Mono-crystalline 9 or 12BB

**210-230W**

Power output

**21.06%**

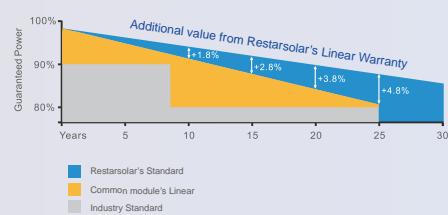
The Highest Efficiency

**0~+5W**

Tolerance



**0.5% Annual Degradation over 30 years**



#### LINEAR PERFORMANCE WARRANTY

12 year Product Warranty / 30 year Linear Power Warranty



#### 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

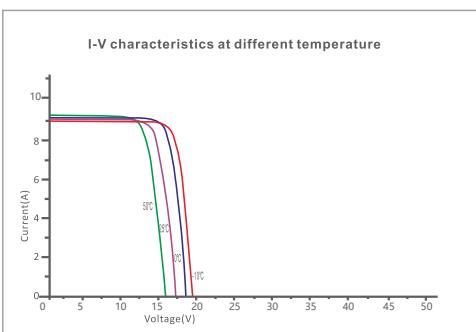
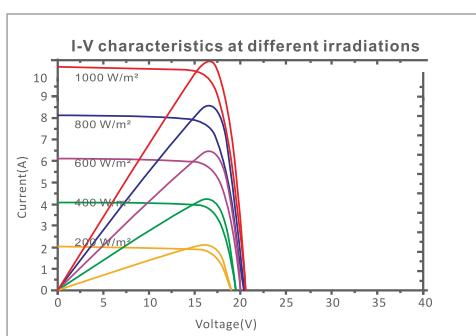
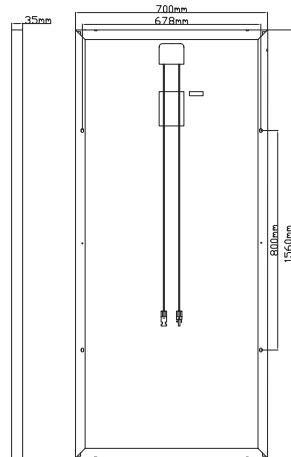
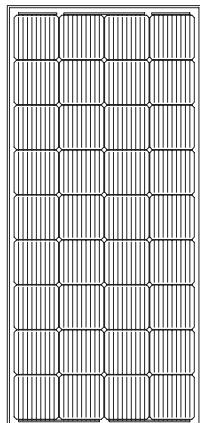
Certified to withstand: high wind load(2400Pa) and snow load(5400Pa).

#### Full range of products and certification systems

ISO9001 TUV PID-FREE CE IEC61215/61730/61701/62716



Dimension of PV Modules Unit: mm



**ELECTRICAL DATA(STC)**

Rated Power in Watts-Pmax(Wp)	210W	215W	220W	225W	230W
Open Circuit Voltage-Voc(V)	23.95V	23.99V	24.03V	24.06V	24.10V
Short Circuit Current-Isc(A)	11.07A	11.30A	11.53A	11.76A	11.99A
Maximum Power Voltage-Vmp(V)	20.05V	20.09V	20.12V	20.16V	20.19V
Maximum Power Current-Imp(A)	10.47A	10.70A	10.93A	11.16A	11.39A
Module Efficiency (%)	19.23%	19.69%	20.15%	20.60%	21.06%

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

**ELECTRICAL DATA(NOCT)**

Maximum Power-Pmax (Wp)	156.8W	160.4W	164.1W	167.9W	171.6W
Open Circuit Voltage-Voc (V)	22.46V	22.50V	22.54V	22.57V	22.61V
Short Circuit Current-Isc (A)	8.95A	9.13A	9.32A	9.50A	9.69A
Maximum Power Voltage-Vmp(V)	18.66V	18.68V	18.71V	18.75V	18.78V
Maximum Power Current-Imp(A)	8.4A	8.58A	8.77A	8.95A	9.14A

NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s.

**MECHANICAL DATA**

Solar cells	Mono-crystalline 166X166mm, 9 or 12 Bus bars
Cell configuration	36cells(4x9)
Module dimensions	1560x700x35mm
Weight	12KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 or IP68, 2 or 3 diodes
Cable	4mm <sup>2</sup> (IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	2pcs/carton

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

**PACKAGING CONFIGURATION**

40HQ	20GP
Number of modules per container	1452pcs
Package	2pcs/carton
Package Number	726cartons
	305cartons