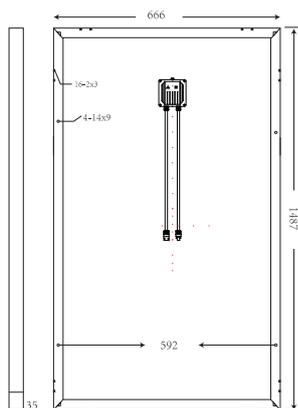
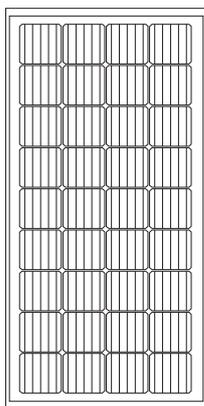


Dimension of PV Modules Unit: mm



### ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	150W	155W	160W	165W	170W
Open Circuit Voltage-Voc(V)	22.51V	22.8V	23.21V	23.33V	23.26V
Short Circuit Current-Isc(A)	8.75A	8.89A	8.98A	9.16A	9.18A
Maximum Power Voltage-Vmp(V)	18.4V	18.45V	18.6V	18.94V	19.32V
Maximum Power Current-Imp(A)	8.75A	8.89A	8.98A	9.16A	9.18A
Module Efficiency (%)	15.13%	15.63%	16.14%	16.64%	17.02%

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

### ELECTRICAL DATA(NOCT)

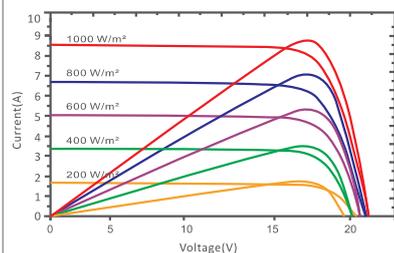
Maximum Power-Pmax (Wp)	110.97W	114.67W	118.37W	122.06W	125.76W
Open Circuit Voltage-Voc (V)	20.9V	21.16V	21.54V	21.66V	21.59V
Short Circuit Current-Isc (A)	7.1A	7.22A	7.29A	7.44A	7.45A
Maximum Power Voltage-Vmp(V)	16.99V	17.04V	17.18V	17.49V	17.84V
Maximum Power Current-Imp(A)	6.52A	6.72A	6.88A	6.97A	7.04A

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

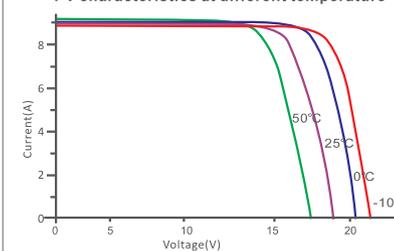
### MECHANICAL DATA

Solar cells	Mono-crystalline 156x156mm, 4 or 5 Bus bars
Cell configuration	36 cells(4x9)
Module dimensions	1487x666x35mm
Weight	11.5KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 6 Diodes
Cable	4mm <sup>2</sup> (IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	2pcs/carton box

I-V characteristics at different irradiancies



I-V characteristics at different temperature



### 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)/600V(UL)
Max Series Fuse Rating	12A
Limiting Reverse Current	12A

### PACKAGING CONFIGURATION

	40HQ	20GP
Number of modules per container	1680pcs	660pcs
Package	2pcs/carton box	2pcs/carton box
Package Weight	23kg/carton box	23kg/carton box
Package Number	840carton boxes	330carton boxes
Package Dimension	1500*700*80mm/carton box	1500*700*80mm/carton box



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**RT6E-150-170M**

**36 Cells**  
Mono-crystalline

**150-170W**  
Power output

**17.02%**  
The Highest Efficiency

**0~+5W**  
Tolerance

RT6E-150-170M is a robust solar module with 36 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 Restar solar's modules meet the highest quality standards possible.



- 

**High module conversion efficiency (up to 17.02%), through superior manufacturing technology**
- 

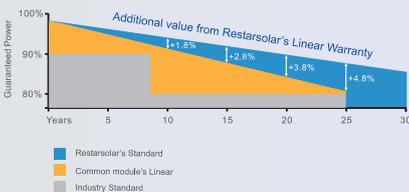
**Guaranteed 0~+5W positive power output tolerance ensures high reliability**
- 

**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)**

**0.5% Annual Degradation over 30 years**



**LINEAR PERFORMANCE WARRANTY**  
12 year Product Warranty / 30 year Linear Power Warranty

**Full range of products and certification systems**

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716

