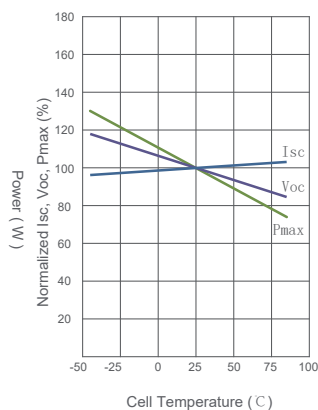
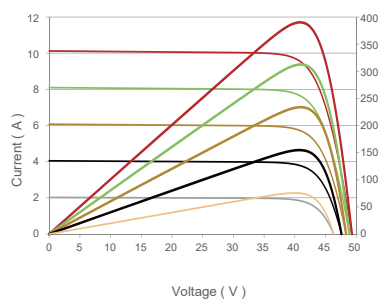
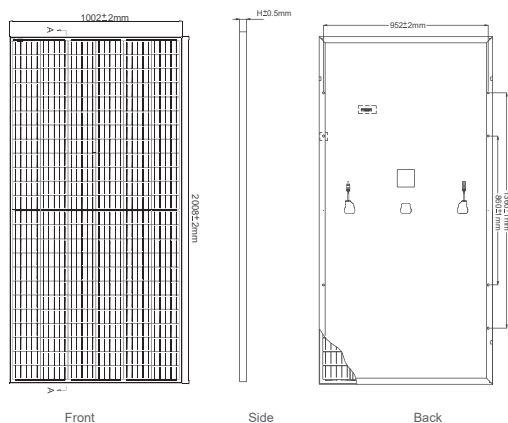


Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	390W	395W	400W	405W	410W
Open Circuit Voltage-Voc(V)	49.3V	49.5V	49.8V	50.1V	50.4V
Short Circuit Current-Isc(A)	10.12A	10.23A	10.36A	10.48A	10.60A
Maximum Power Voltage-Vmp(V)	41.1V	41.4V	41.7V	42.0V	42.3V
Maximum Power Current-Imp(A)	9.49A	9.55A	9.60A	9.65A	9.69A
Module Efficiency (%)	19.38%	19.63%	19.88%	20.13%	20.38%

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)	294W	298W	303W	307W	310W
Open Circuit Voltage-Voc (V)	48.0V	48.2V	48.5V	48.7V	48.9V
Short Circuit Current-Isc (A)	8.02A	8.09A	8.16A	8.22A	8.26A
Maximum Power Voltage-Vmp(V)	39.1V	39.3V	39.6V	39.8V	40.0V
Maximum Power Current-Imp(A)	7.54A	7.60A	7.66A	7.72A	7.76A

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

MECHANICAL DATA

Solar cells	Mono Half-Cell 158.75x158.75mm, 5 Bus bars
Cell configuration	144 Cells (6x24)
Module dimensions	2008x1002x40mm
Weight	22.5KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP68, 3 Diodes
Cable	4mm ² (IEC)/12AWG(UL),1000mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	26pcs/pallet

TEMPERATURE & MAXIMUM RATINGS

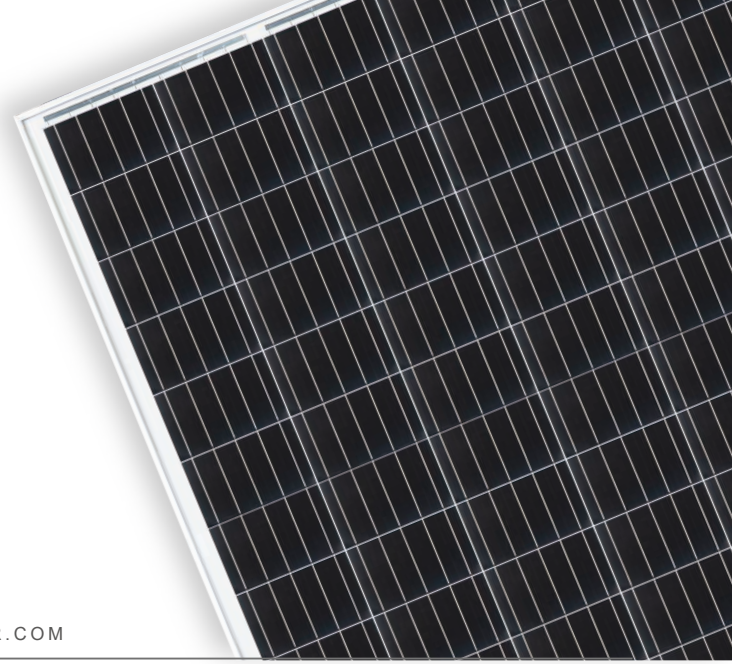
Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V(IEC)/600V(UL)
Max Series Fuse Rating	20A

Partner information



PACKAGING CONFIGURATION

	40HQ	20GP
Modules per container	696pcs	312pcs
Package	26pcs/pallet,2pcs/carton	26pcs/pallet
Package Number	24pallets + 36cartons	10pallets



RT6I-M

144 Cells

Mono Half-Cell

390-410 W

Power output

20.38%

The Highest Efficiency

0~+5W

Tolerance

WWW.RESTARSOLAR.COM

Half-cell high-efficiency solar panel is cutting cells One divides into two,it could reduce thermal resistance,improve output power 5-10W;it could meet 1500V whole system voltage design demand and reduce whole system cost 10%. In comparison to full solar cell modules,this one cells subfissure,power attenuation and sunshine occlusion is more lower;and excellent high temperature character. It is the best choice for large ground power station,Ecological agriculture fishery project and Distributed beach project.



HIGHER ENERGY GENERATION AND LOWER POWER LOSS



ANTI HOT SPOT&PID FREE



LESS SHADING EFFECT



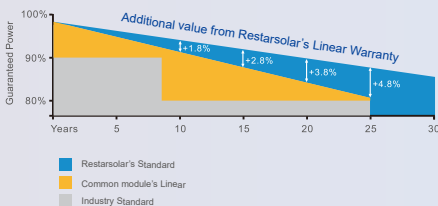
APPLICABLE FOR 1500V SYSTEM,LOWER SYSTEM COST



Entire module certified to withstand high wind loads(2400Pascal) and snow loads (5400 Pascal)*



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

