

RT6I-M

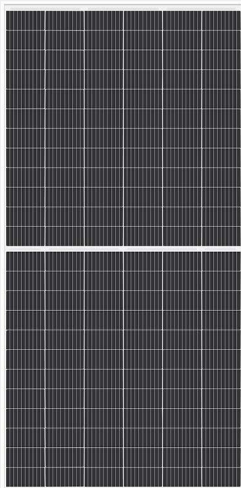
144 Cells

Mono Half-Cell 9BB

390-420 W
Power output

20.87%
The Highest Efficiency

0 ~ +5W
Tolerance



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**HIGHER ENERGY GENERATION
AND LOWER POWER LOSS**



ANTI HOT SPOT&PID FREE



LESS SHADING EFFECT

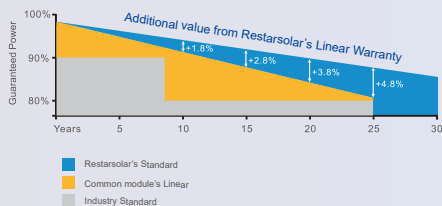


**APPLICABLE FOR 1500V SYSTEM, LOWER
SYSTEM COST**



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

0.5% Annual Degradation over 30 years

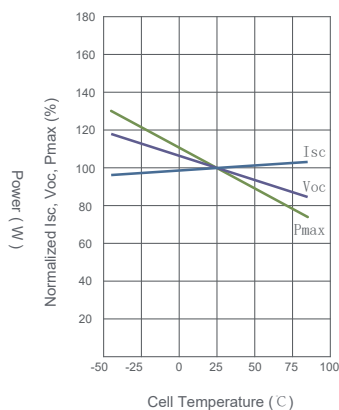
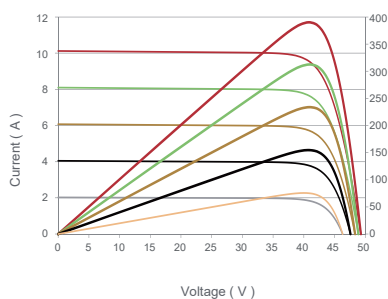
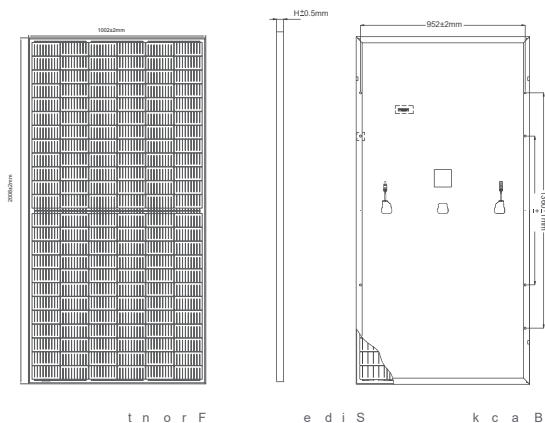


LINEAR PERFORMANCE WARRANTY
12 year Product Warranty / 30 year Linear Power Warranty

Full range of products and certification systems
ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716



Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	390W	395W	400W	405W	410W	420W	420W
Open Circuit Voltage-Voc(V)	49.0V	49.2V	49.4V	49.6V	49.8V	50.0V	50.2V
Short Circuit Current-Isc(A)	10.15A	10.25A	10.35A	10.40A	10.47A	10.54A	10.61A
Maximum Power Voltage-Vmp(V)	39.7V	39.90V	40.10V	40.30V	40.5V	40.70V	40.90V
Maximum Power Current-Imp(A)	9.82A	9.92A	10.02A	10.05A	10.12A	10.19A	10.27A
Module Efficiency (%)	19.38%	19.63%	19.88%	20.13%	20.38%	20.63%	20.87%

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)	291W	295W	298W	302W	306W	310W	313W
Open Circuit Voltage-Voc (V)	45.91V	46.10V	46.29V	46.48V	46.66V	46.85V	47.04V
Short Circuit Current-Isc (A)	8.20A	8.28A	8.36A	8.40A	8.46A	8.52A	8.57A
Maximum Power Voltage-Vmp(V)	36.99V	37.08V	37.18V	37.53V	37.73V	37.93V	38.09V
Maximum Power Current-Imp(A)	7.87A	7.95A	8.03A	8.05A	8.11A	8.16A	8.23A

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, 9 Bus bars
Cell configuration	144 Cells (6x24)
Module dimensions	2008x1002x40mm(frame thickness 35mm optional)
Weight	22.5KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 or IP68, 3 Diodes
Cable	4mm2(IEC)/12AWG(UL),300mm or customized length
Connectors	MC4 or MC4 Comparable
Standard Packaging	27pcs/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	-0.34%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V(IEC)
Max Series Fuse Rating	20A

Partner information



PACKAGING CONFIGURATION

	40HQ
Modules per container	638pcs
Package	27pcs/pallet,2pcs/carton
Package Number	22pallets + 22cartons