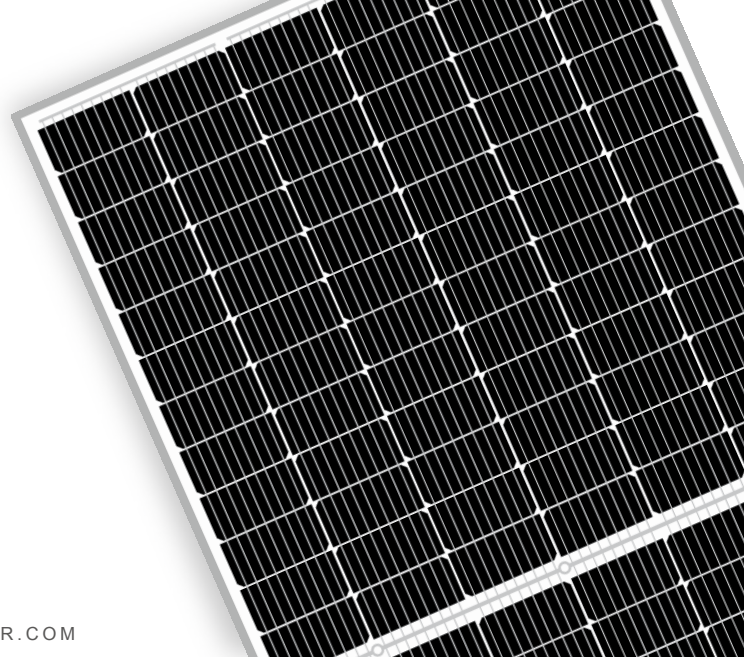




WWW.RESTARSOLAR.COM

RT71-M

144 Cells

Mono Half-Cell 9BB

465W

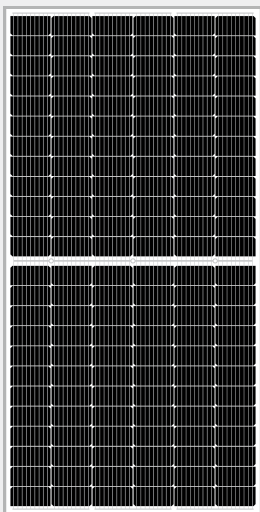
Power output

20.83%

The Highest Efficiency

0 ~ +5W

Tolerance



**HIGHER ENERGY GENERATION
AND LOWER POWER LOSS**



ANTI HOT SPOT&PID FREE



LESS SHADING EFFECT

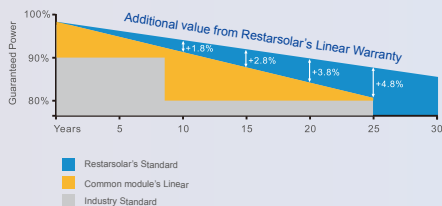


**APPLICABLE FOR 1500V SYSTEM, LOWER
SYSTEM COST**



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

0.5% Annual Degradation over 30 years



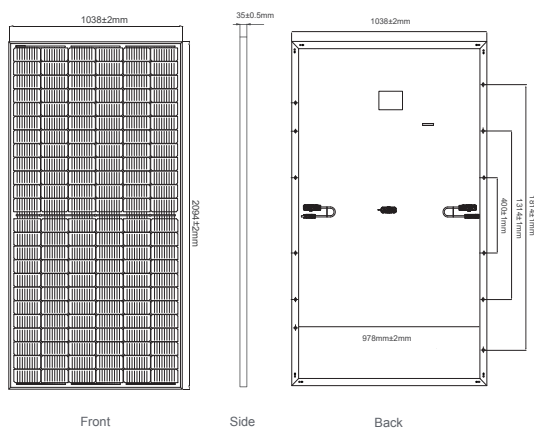
LINEAR PERFORMANCE WARRANTY
12 year Product Warranty / 30 year Linear Power Warranty

Full range of products and certification systems

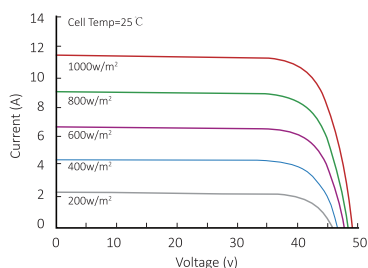
ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716



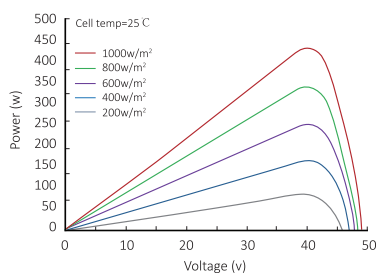
Dimension of PV Modules Unit: mm



Current-Voltage Curve (RT71-440M)



Power-Voltage Curve (RT71-440M)



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)			465W			
Open Circuit Voltage-Voc(V)			44.53V			
Short Circuit Current-Isc(A)			13.25A			
Maximum Power Voltage-Vmp(V)			37.54V			
Maximum Power Current-Imp(A)			12.39A			
Module Efficiency (%)			20.183			

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)			343.6W			
Open Circuit Voltage-Voc (V)			41.5V			
Short Circuit Current-Isc (A)			11.33A			
Maximum Power Voltage-Vmp(V)			34.5V			
Maximum Power Current-Imp(A)			10.64A			

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

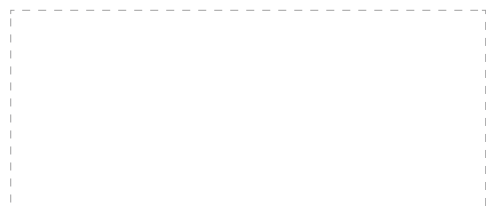
MECHANICAL DATA

Solar cells	Mono Half-Cell 166x83mm, 9 Bus bars
Cell configuration	144 Cells (6x24)
Module dimensions	2094x1038*35mm
Weight	25KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP68, 3 Diodes
Cable	4mm²(IEC)/12AWG(UL), 300mm or customized
Connectors	MC4 or MC4 Comparable
Standard Packaging	31pcs/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)
Max Series Fuse Rating	20A

Partner information



PACKAGING CONFIGURATION

	40HQ
Modules per container	726pcs
Package	31pcs/pallet, 2pcs/carton
Package Number	22pallets + 22cartons