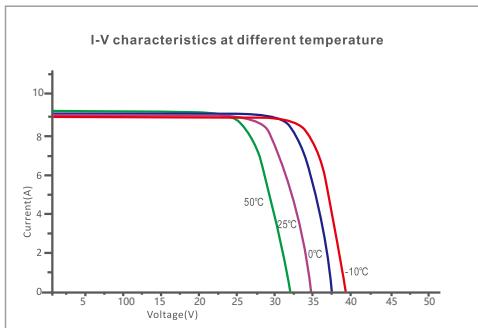
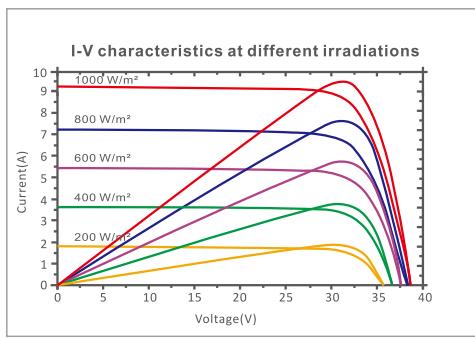
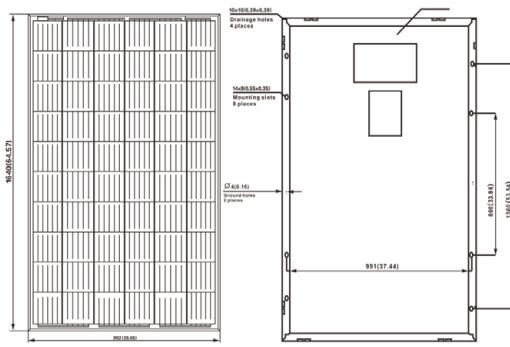


Dimension of PV Modules Unit: mm



Partner information

ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	270W	275W	280W	285W	290W
Open Circuit Voltage-Voc(V)	37.9V	38.1V	38.2V	38.3V	38.4V
Short Circuit Current-Isc(A)	9.76A	9.32A	9.40A	9.49A	9.59A
Maximum Power Voltage-Vmp(V)	30.7V	31.1V	31.4V	31.6V	31.8V
Maximum Power Current-Imp(A)	8.79A	8.84A	8.92A	9.02A	9.12A
Module Efficiency (%)	16.60%	16.80%	17.10%	17.40%	17.83%

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)	198W	204W	208W	211W	215W
Open Circuit Voltage-Voc (V)	35.4V	35.3V	35.4V	35.5V	35.6V
Short Circuit Current-Isc (A)	7.29A	7.52A	7.59A	7.66A	7.74A
Maximum Power Voltage-Vmp(V)	28.5V	28.8V	29.0V	29.2V	29.4V
Maximum Power Current-Imp(A)	6.95A	7.09A	7.15A	7.23A	7.31A

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

MECHANICAL DATA

Solar cells	Polycrystalline 156x156mm, 5 Bus bars
Cell configuration	60 Cells (6x10)
Module dimensions	1640x992x35mm
Weight	19KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67
Cable	4mm ² (IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	30pcs/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	1000V(IEC)/600V(UL)
Max Series Fuse Rating	15A
Limiting Reverse Current	15A

PACKAGING CONFIGURATION

	40HQ	20GP
Modules per container	924pcs	360pcs
Package	30pcs/pallet, 2pcs/carton	30pcs/pallet
Package Number	28pallets + 42cartons	12pallets



RT6C-P

60 Cells

Polycrystalline

270-290 W

Power output

17.83%

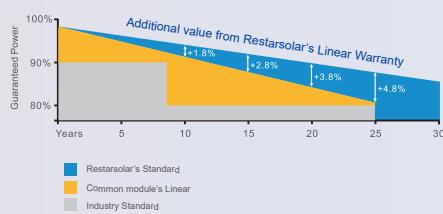
The Highest Efficiency

0~+5W

Tolerance



0.5% Annual Degradation over 30 years



LINEAR PERFORMANCE WARRANTY

12 year Product Warranty / 30 year Linear Power Warranty

WWW.RESTARSLAR.COM



High module conversion efficiency (up to 17.83%), 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)

Full range of products and certification systems

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

