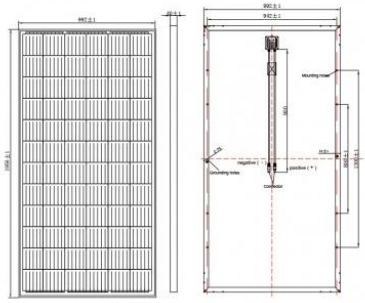
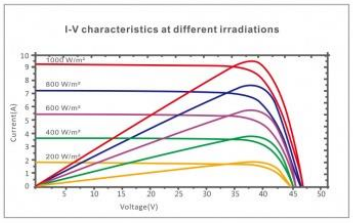
RS6S-P

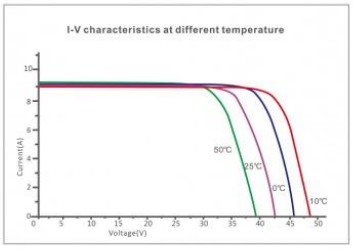
RESUN
RESUN SOLAR ENERGY CO.,LTD.

GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm







Partner information

A: Room 606,No.13,Yongshang Garden,Jingfeng Road,Mudu Town,Wuzhong District,Suzhou,Jiangsu Province,China
F:+86512-66292101 T:+86 512-66293858
W:www.resunsolar.com E:info@resunsolar.com

ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	325W	330W	335W	340W	345W	350W	355W	360W
Open Circuit Voltage-Voc(V)	46.1V	46.4V	46.6V	46.8V	47.0V	47.2V	47.4V	47.6V
Short Circuit Current-Isc(A)	9.15A	9.23A	9.3A	9.38A	9.43A	9.52A	9.60A	9.72A
Maximum Power Voltage-Vmp(V)	37.5V	37.8V	38.0V	38.3V	38.6V	38.8V	39.0V	39.3V
Maximum Power Current-Imp(A)	8.67A	8.74A	8.81A	8.88A	8.94A	9.02A	9.10A	9.21A
Module Efficiency (%)	16.76%	17.03%	17.25%	17.53%	17.78%	18.04%	18.30%	18.55%

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)	247W	251W	255W	259W	262W	266W	270W	274W
Open Circuit Voltage-Voc (V)	44.87V	45.11V	45.24V	45.37V	45.50V	45.63V	45.76V	45.89V
Short Circuit Current-Isc (A)	7.05A	7.13A	7.22A	7.31A	7.37A	7.47A	7.54A	7.67A
Maximum Power Voltage-Vmp(V)	36.78V	36.98V	37.08V	37.19V	37.31V	37.44V	37.58V	37.72V
Maximum Power Current-Imp(A)	6.72A	6.79A	6.88A	6.96A	7.02A	7.11A	7.18A	7.26A

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	72 Cells (6x12)
Module dimensions	1956x992x40mm
Weight	22KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67
Cable	4mm2(IEC)/12AWG(UL),900mm
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)
Max Series Fuse Rating	15A
Limiting Reverse Current	15A

PACKAGING CONFIGURATION

	40HQ	20GP
Modules per container	696pcs	260pcs
Package	26pcs/pallet, 2pcs/carton	26pcs/pallet
Package Number	24pallets + 36cartons	10pallets