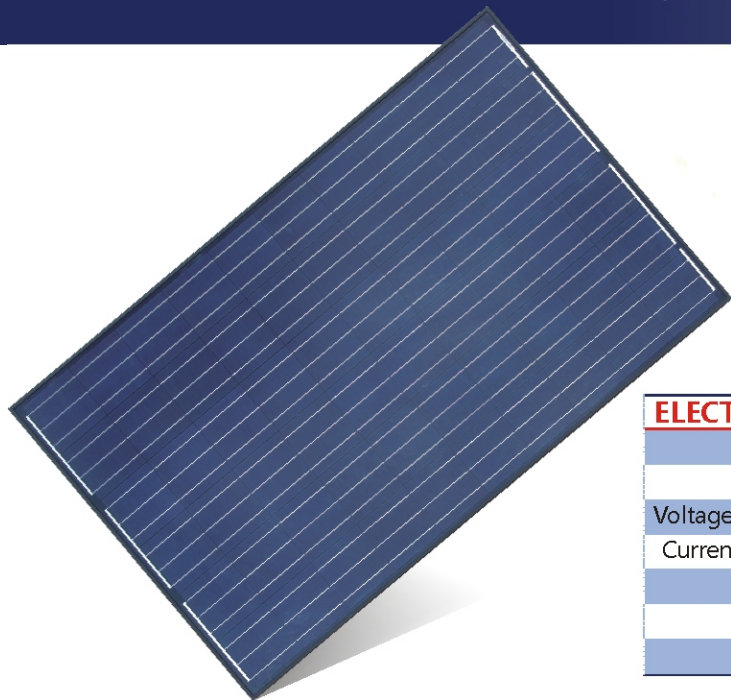


RSM60-156P PID RESISTANT BLACK MODULE | 235-260W

绿色瑞晶 把握未来
Green Risun Grasp future



PRODUCT OVERVIEW

RSM60-156P PV module is composed of 60 pieces 156mm×156mm Poly-Silicon solar cells in series. This type of module is certified according to IEC61215:2005 standard. It has characters of high efficiency, long lifecycle, hail storm proof, and easy installation. Products are widely used in roofing system, street lamps, surveillant / detective systems and devices, grid-connected PV power systems and equipments.



MODULE CHARACTERISTICS

High efficiency, beautiful appearance, tonal and consistent; with all black materials, module efficiency reaches to 16% which is the leader in manufacturing process.



MODULE PRINCIPLE

Using the traditional packaging lamination process with black material in Poly-Silicon cell.



MODULE PURPOSE

Applicable to the BIPV and the roof project.

ELECTRICAL CHARACTERISTICS

	235	240	245	250	255	260
Maximum Power Pmp, [Watt]	235	240	245	250	255	260
Power Tolerance, [W]	0 / +5					
Voltage at Maximum Power Point Vmpp, [V]	29.58	29.81	30.04	30.27	30.52	30.77
Current at Maximum Power Point Impp, [A]	7.95	8.05	8.16	8.27	8.36	8.45
Open Circuit Voltage Voc, [V]	37.33	37.5	37.65	37.82	38.01	38.20
Short Circuit Current Isc, [A]	8.34	8.45	8.57	8.57	8.79	8.89
Module Efficiency, [%]	14.5	14.8	15.1	15.4	15.7	16.0

Measurements under Standard Test Conditions (STC)
Irradiance 1000W/m², AM1.5G Spectrum and Cell Temperature 25°C

MECHANICAL CHARACTERISTICS

Cell Type	Poly-crystalline, 156mm × 156mm
Cell Configuration	60 cells (6 × 10)
Module Dimension	1636mm × 992mm × 35mm
Module Weight	18.0 Kg
Glass	3.2mm , low Iron tempered Solar Glass
Frame	Anodized Al alloy Type 6063 T5; Black
J-Box	Potted, IP67, 1000V DC, IEC & UL certified
Cable	4.0mm ² / 12 AWG, 1000 mm, IP67
Connectors	QC4.10

THERMAL CHARACTERISTICS

Nominal Operating Temperature NOCT	45 ± 2°C
Temperature Coefficient of Isc, α	+0.05 %/°C
Temperature Coefficient of Voc, β	-0.31 %/°C
Temperature Coefficient of Pmax, γ	-0.41 %/°C

MAXIMUM OPERATING INSTRUCTIONS

Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V
Maximum Series Fuse Rating	15A

PACKING INSTRUCTIONS

Number of Modules Per Box / Pallet	29
Number of Pallets / 40' Container	28



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