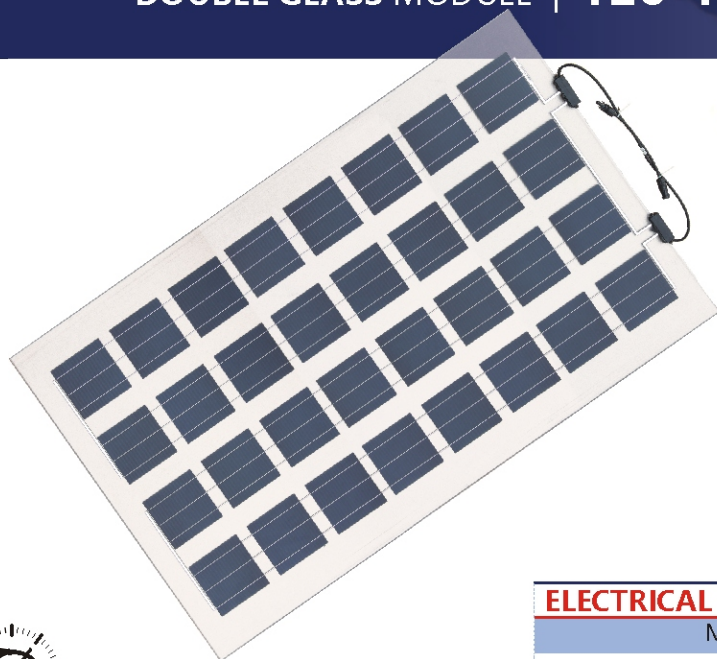


RSM32-156P

DOUBLE GLASS MODULE | 120-135W

绿色瑞晶 把握未来
Green Risun Grasp future



PRODUCT OVERVIEW

RSM32-156P PV module is composed of 32 pieces 156mm×156mm Polysilicon 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.



MODULE CHARACTERISTICS

High efficiency, beautiful appearance, aging resistance, mechanical load performance, solar cell is not easy to be cracked, greatly prolonged the service life; Using the BIPV junction box structure, structure design is concise and bright and install portable; It can base on the requires of customers' order to allocate and design the light transmission rate and provide 5%-70% transmission rate selection.



MODULE PRINCIPLE

The glass -PVB (or EVA) film - wafer - PVB (or EVA) film glass; two pieces of tempered glass, the smooth side is the ultra clear glass.



MODULE PURPOSE

Meet the indoor lighting, suitable for BIPV and vegetable greenhouse project.

ELECTRICAL CHARACTERISTICS

Maximum Power Pmp, [Watt]	120	125	130	135
Power Tolerance, [W]	0 / +5			
Voltage at Maximum Power Point Vmpp, [V]	15.49	15.78	16.07	16.36
Current at Maximum Power Point Impp, [A]	7.75	7.92	8.09	8.25
Open Circuit Voltage Voc, [V]	19.14	19.41	19.68	19.94
Short Circuit Current Isc, [A]	8.38	8.51	8.65	8.78

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	32 cells (4 × 8)
Module Dimension	1630mm × 986mm × 4.8mm
Module Weight	19.0 Kg
Glass	2.0mm*2, low Iron tempered Solar Glass
Encapsulation Materials	Ethylene Vinyl Acetate (EVA) or Polyvinyl butyral(PVB)
J-Box	Potted, IP67, 1000V DC, IEC & UL certified
Cable	4.0mm ² / 12 AWG, 1000 mm, IP67
Connectors	MC4

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



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