



EFFICIENCY
High Module Conversion Efficiencies



EASY & QUICK
Easy Installation and Handling



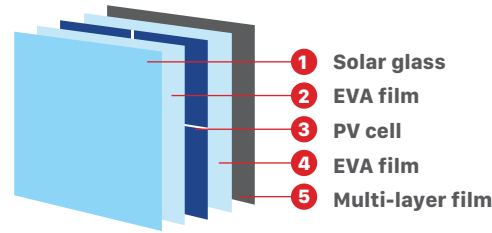
**- 2400 Pa -
- 5400 Pa -**
Mechanical Load capability of up to 5400 Pa



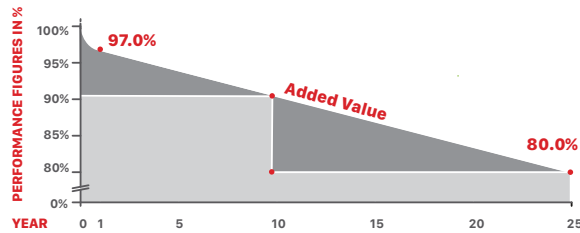
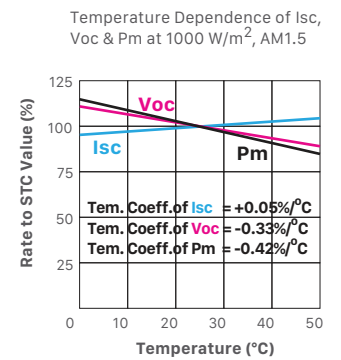
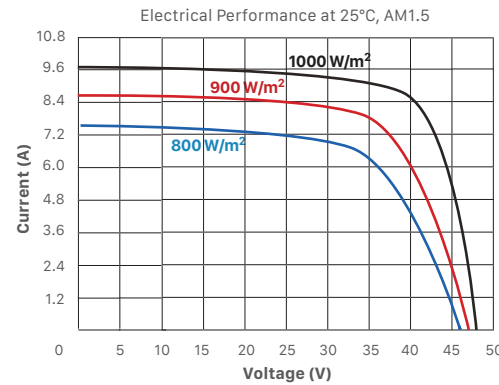
IEC & UL
Conforms with IEC 61215, IEC 61730, UL 1703 PV Standards



CERTIFICATION
ISO 9001 Certificate



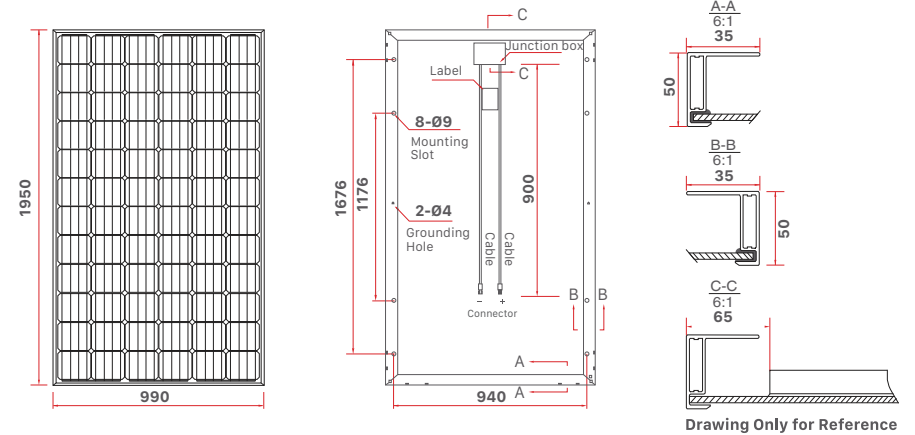
PERFORMANCE



APPROVED PRODUCT



STRUCTURE



ELECTRICAL CHARACTERISTICS STC

IR370M-72

Maximum Power (Pmax)	370 W
Power Tolerance	0 ~ 3%
Module Efficiency	19.2%
Maximum Power Current (Imp)	9.45 A
Maximum Power Voltage (Vmp)	39.16 V
Short Circuit Current (Isc)	10.0 A
Open Circuit Voltage (Voc)	48.49 V

Values at Standard Test Conditions

(STC: Air Mass AM 1.5, Irradiance 1000 W/m², Cell Temperature 25°C)

ELECTRICAL CHARACTERISTICS NOCT

IR370M-72

Maximum Power (Pmax)	270 W
Maximum Power Current (Imp)	7.46 A
Maximum Power Voltage (Vmp)	36.20 V
Short Circuit Current (Isc)	8.00 A
Open Circuit Voltage (Voc)	45.03 V

Values at Nominal Operating Cell Temperature

(NOCT: Wind speed 1 m/s, Irradiance 800 W/m², Cell Temperature 45°C, Ambient Temperature 20°C)

MECHANICAL CHARACTERISTICS

Cell Type	156 x 156 mm Monocrystalline, 72 (6x12) pcs in series
Solar Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy type 6063 - T5
Junction Box	Rated current ≥ 15A, IP ≥ 67, TUV & UL
Dimension	1950 x 990 x 50 mm
Output Cable	4 mm² (EU)/12 AWG (US), 900 mm
Weight	22.5 Kg
Installation hole Location	See Drawing Above

PACKING INFORMATION

Container	20' GP	40' GP	40' HQ
Pallets per Container	10	24	24
Pieces per Container	200	480	528

MAXIMUM RATINGS

Operating Temperature	- 40°C ~ + 85°C
Maximum System Voltage	1000 VDC (EU) / 600 VDC (US)
Maximum Series Fuse Rating	20 A (EU) / 15 A (US)

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