



EFFICIENCY
High Module Conversion Efficiencies



EASY & QUICK
Easy Installation and Handling



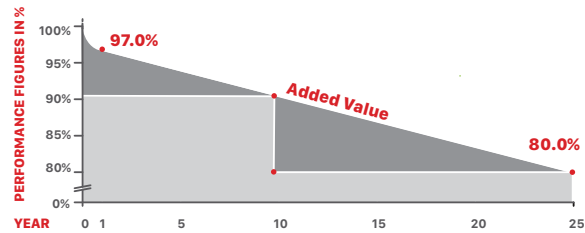
**- 2400 Pa -
- 5400 Pa -**
Mechanical Load capability
of up to 5400 Pa



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



CERTIFICATION
ISO 9001 Certificate



APPROVED PRODUCT



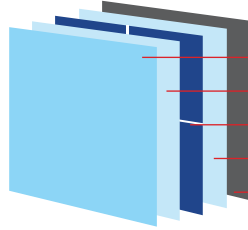
UL 1703
US 8214001701



IEC 61215
IEC 61730
www.tuv.com
ID 0000039775

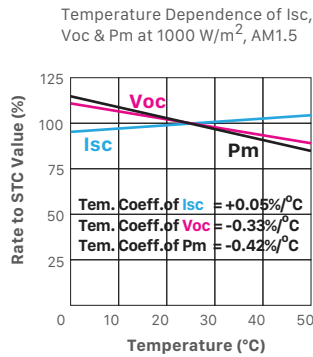
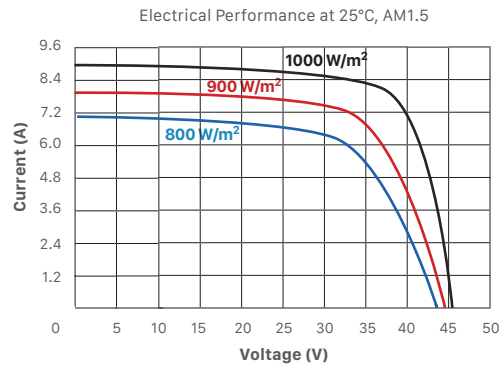


Management
System
ISO 9001:2008
www.tuv.com
ID 9105077675

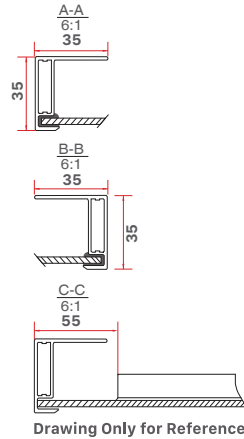
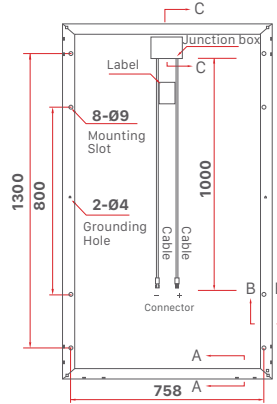
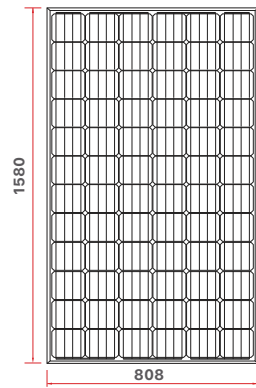


- 1** Solar glass
- 2** EVA film
- 3** PV cell
- 4** EVA film
- 5** Multi-layer film

PERFORMANCE



STRUCTURE



ELECTRICAL CHARACTERISTICS STC

IR215M-72

Maximum Power (Pmax)	215 W
Power Tolerance	0 ~ 3%
Module Efficiency	16.9%
Maximum Power Current (Imp)	5.78 A
Maximum Power Voltage (Vmp)	37.21 V
Short Circuit Current (Isc)	6.11 A
Open Circuit Voltage (Voc)	46.01 V

Values at Standard Test Conditions

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

ELECTRICAL CHARACTERISTICS NOCT

IR215M-72

Maximum Power (Pmax)	157 W
Maximum Power Current (Imp)	4.58 A
Maximum Power Voltage (Vmp)	34.29 V
Short Circuit Current (Isc)	4.89 A
Open Circuit Voltage (Voc)	42.72 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	125 x 125 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	1580 x 808 x 35 mm
Output Cable	4 mm ² (EU)/12 AWG (US), 900 mm
Weight	14 Kg
Installation hole Location	See Drawing Above

PACKING INFORMATION

Container	20' GP	40' GP	40' HQ
Pallets per Container	14	28	28
Pieces per Container	420	840	868

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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