



EFFICIENCY
 High Module Conversion Efficiencies



EASY & QUICK
 Easy Installation and Handling



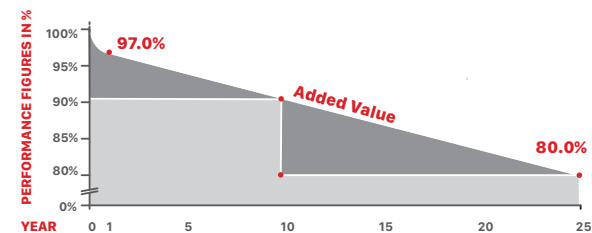
**- 2400 Pa -
- 5400 Pa -**
 Mechanical Load capability of up to 5400 Pa



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



CERTIFICATION
 ISO 9001 Certificate





12 - year
 Material & workmanship



25 - year
 Linear power Output

APPROVED PRODUCT



UL 1703
 US 8214001701



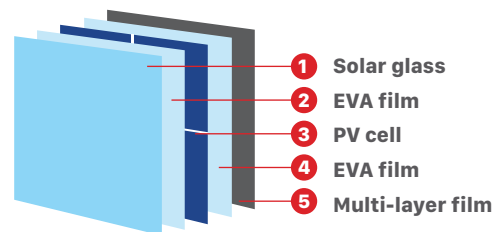
IEC 61215
 IEC 61730
 www.tuv.com
 ID 0000039775



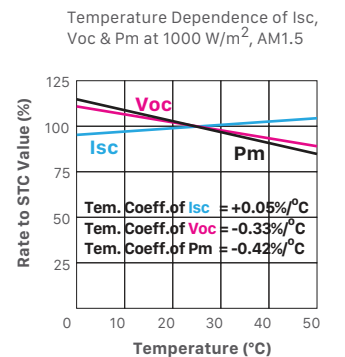
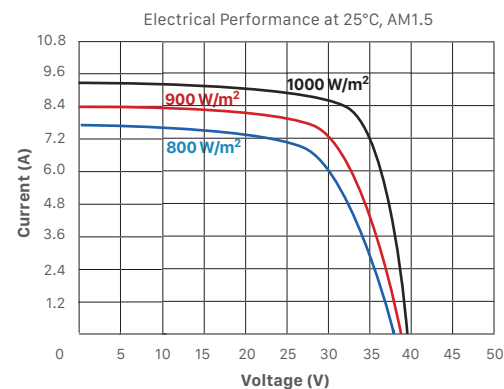
Management System
 ISO 9001:2008
 www.tuv.com
 ID 9105077675



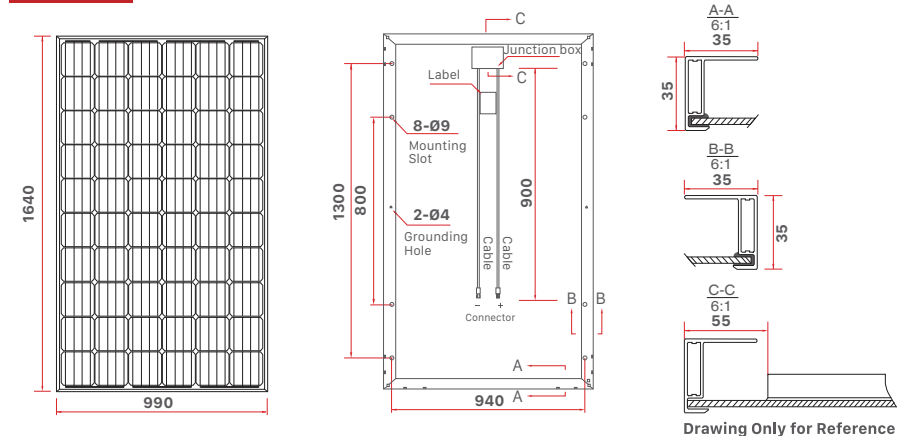




PERFORMANCE



STRUCTURE



ELECTRICAL CHARACTERISTICS STC

IR275M-60

Maximum Power (Pmax)	275 W
Power Tolerance	0 ~ 3%
Module Efficiency	16.9%
Maximum Power Current (Imp)	8.72 A
Maximum Power Voltage (Vmp)	31.54 V
Short Circuit Current (Isc)	9.24 A
Open Circuit Voltage (Voc)	38.89 V
Values at Standard Test Conditions	
(STC: Air Mass AM 1.5, Irradiance 1000 W/m ² , Cell Temperature 25°C)	

ELECTRICAL CHARACTERISTICS NOCT

IR275M-60

Maximum Power (Pmax)	201 W
Maximum Power Current (Imp)	6.92 A
Maximum Power Voltage (Vmp)	29.07 V
Short Circuit Current (Isc)	7.41 A
Open Circuit Voltage (Voc)	36.04 V
Values at Nominal Operating Cell Temperature	
(NOCT: Wind speed 1 m/s, Irradiance 800 W/m ² , Cell Temperature 45°C, Ambient Temperature 20°C)	

MECHANICAL CHARACTERISTICS

Cell Type	156 x 156 mm Monocrystalline, 60 (6x10) 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	1640 x 990 x 35 mm
Output Cable	4 mm ² (EU)/12 AWG (US), 900 mm
Weight	18.5 Kg
Installation hole Location	See Drawing Above

PACKING INFORMATION

Container	20' GP	40' GP	40' HQ
Pallets per Container	12	28	28
Pieces per Container	360	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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