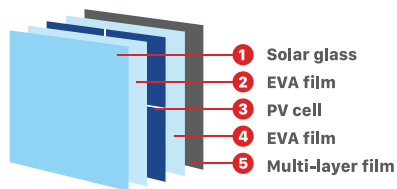
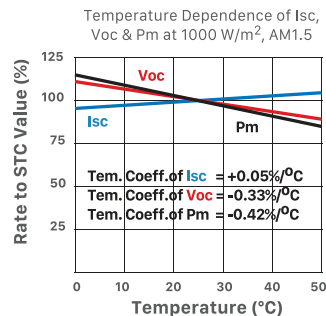
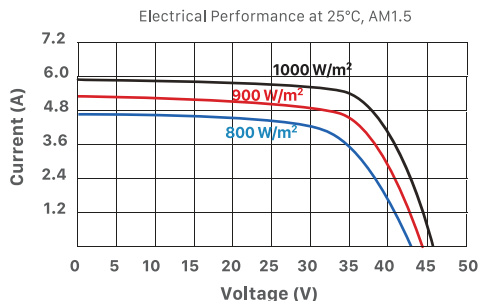


125 SERIES MONOCRYSTALLINE

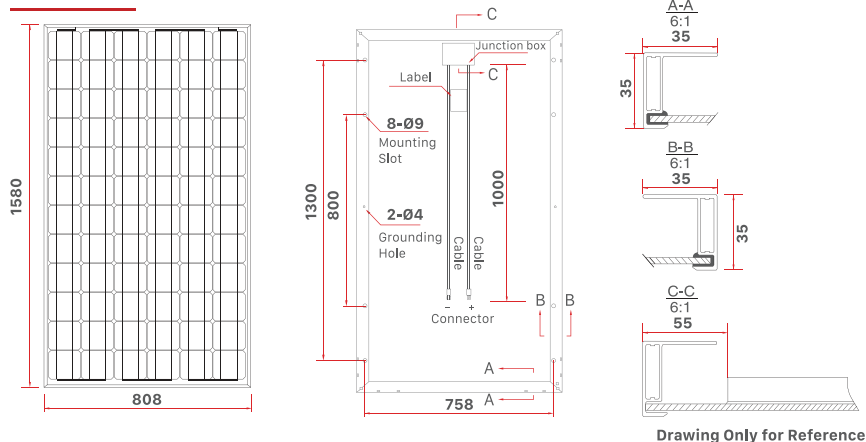
SOLAR MODULE: 180 W, 185 W, 190 W, 195 W, 200 W, 205 W, 210 W, 215 W, 220 W



PERFORMANCE



STRUCTURE



ELECTRICAL CHARACTERISTICS STC

	IR200M-72	IR210M-72
Maximum Power (Pmax)	200 W	210 W
Power Tolerance	0 ~ 3%	0 ~ 3%
Module Efficiency	15.7%	16.5%
Maximum Power Current (Imp)	5.52 A	5.68 A
Maximum Power Voltage (Vmp)	36.24 V	36.98 V
Short Circuit Current (Isc)	5.90 A	6.04 A
Open Circuit Voltage (Voc)	45.20 V	45.70 V

Values at Standard Test Conditions

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

ELECTRICAL CHARACTERISTICS NOCT

	IR200M-72	IR210M-72
Maximum Power (Pmax)	146.00 W	153.30 W
Maximum Power Current (Imp)	4.36 A	4.49 A
Maximum Power Voltage (Vmp)	33.50 V	34.08 V
Short Circuit Current (Isc)	4.72 A	4.83 A
Open Circuit Voltage (Voc)	42.04 V	42.50 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
- Solar glass
- Frame
- Junction Box
- Dimension
- Output Cable
- Weight
- Installation hole Location

- 125 x 125 mm Monocrystalline, 72 (6x12) pcs in series
- High Transmission, Low Iron, Tempered Glass
- Anodized Aluminum Alloy type 6063 - T5
- Rated current ≥ 15 A, IP ≥ 67, TUV & UL
- 1580 x 808 x 35 mm
- 4 mm² (EU)/12 AWG (US), 900 mm
- 14 Kg
- See Drawing Above

PACKING INFORMATION

	20 GP	40 GP	40 HQ
Container	20	40	40
Pallets per Container	14	28	28
Pieces per Container	420	840	896

MAXIMUM RATINGS

Operating Temperature	- 40°C to + 85°C
Maximum System Voltage	1500 VDC (IEC) / 1500 VDC (UL)
Maximum Series Fuse Rating	20 A (IEC) / 20 A (UL)