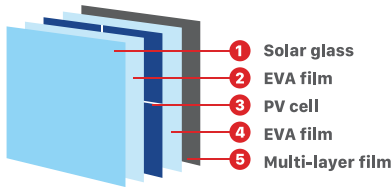
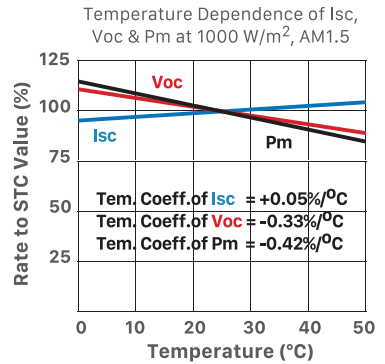
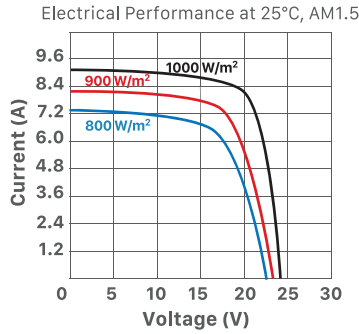


156 SERIES POLYCRYSTALLINE

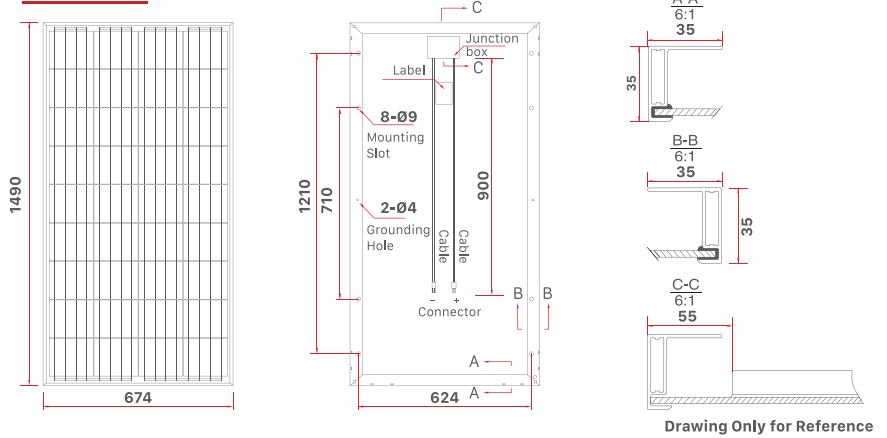
SOLAR MODULE: 145 W, 150 W, 155 W, 160 W, 165 W, 170 W, 175 W, 180 W, 185 W



PERFORMANCE



STRUCTURE



ELECTRICAL CHARACTERISTICS STC

IR155P-36

Maximum Power (Pmax)	155 W
Power Tolerance	0 ~ 3%
Module Efficiency	15.4%
Maximum Power Current (Imp)	8.32 A
Maximum Power Voltage (Vmp)	8.64 V
Short Circuit Current (Isc)	8.82 A
Open Circuit Voltage (Voc)	23.15 V

Values at Standard Test Conditions

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

ELECTRICAL CHARACTERISTICS NOCT

IR155P-36

Maximum Power (Pmax)	112.00 W
Maximum Power Current (Imp)	6.54 A
Maximum Power Voltage (Vmp)	17.14 V
Short Circuit Current (Isc)	7.05 A
Open Circuit Voltage (Voc)	21.51 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

156 x 156 mm Polycrystalline, 36 (4x9) pcs in series
High Transmission, Low Iron, Tempered Glass
Anodized Aluminum Alloy type 6063 - T5
Rated current ≥ 15 A, IP ≥ 67 , TUV & UL
1490 x 674 x 35 mm
4 mm² (EU)/12 AWG (US), 900 mm
12 kg
See Drawing Above

PACKING INFORMATION

Container	20' GP	40' GP	40' HQ
Pallets per Container	14	30	45
Pieces per Container	420	900	1350

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)