



EFFICIENCY

High Module Conversion Efficiencies



EASY & QUICK

Easy Installation and Handling



- 2400 Pa -
- 5400 Pa -

Mechanical Load capability of up to 5400 Pa



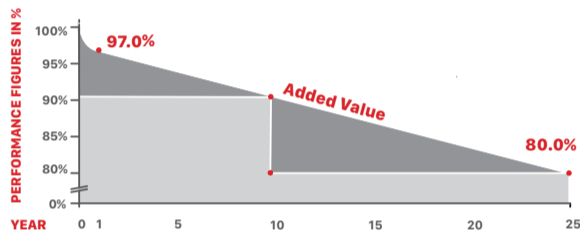
IEC & UL

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

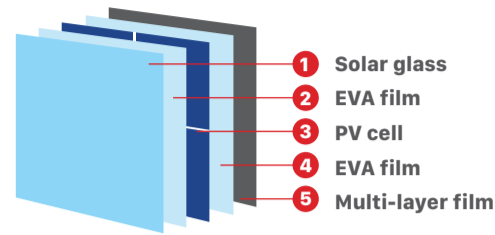


CERTIFICATION

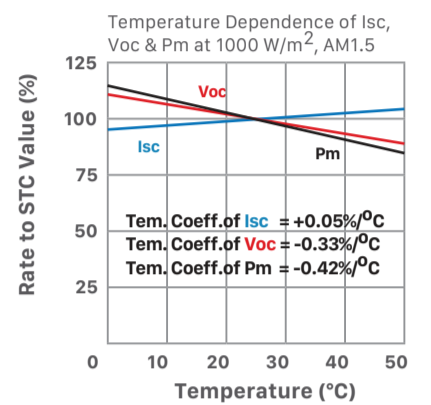
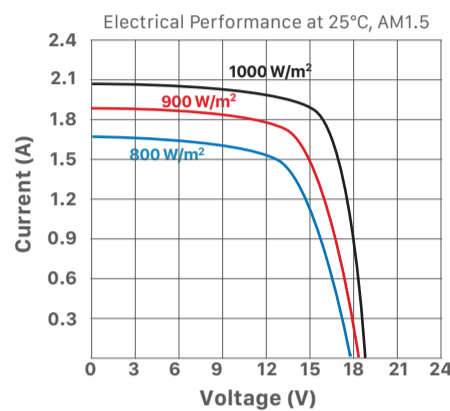
ISO 9001 Certificate



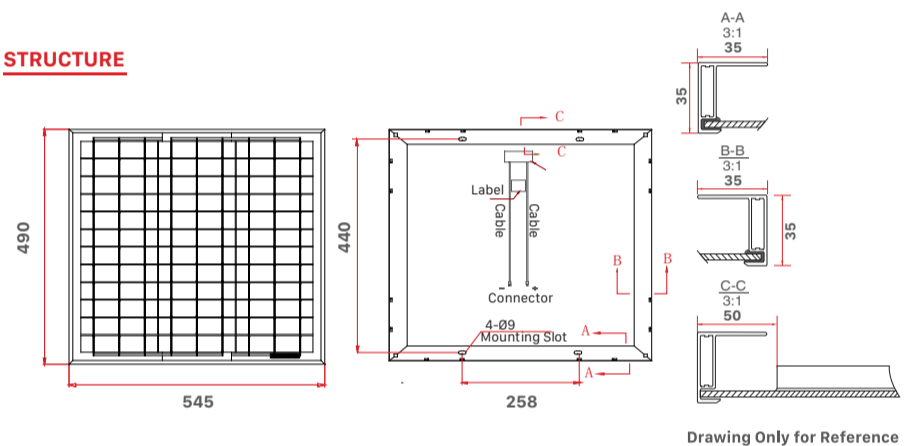
APPROVED PRODUCT



PERFORMANCE



STRUCTURE



ELECTRICAL CHARACTERISTICS STC

IR035PC4-36

Maximum Power (Pmax)	35 W
Power Tolerance	0 ~ 3%
Module Efficiency	13.1%
Maximum Power Current (Imp)	2.07 A
Maximum Power Voltage (Vmp)	16.92 V
Short Circuit Current (Isc)	2.19 A
Open Circuit Voltage (Voc)	20.87 V
Values at Standard Test Conditions	
(STC: Air Mass AM 1.5, Irradiance 1000 W/m ² , Cell Temperature 25°C)	

ELECTRICAL CHARACTERISTICS NOCT

IR035PC4-36

Maximum Power (Pmax)	25.5 W
Maximum Power Current (Imp)	1.63 A
Maximum Power Voltage (Vmp)	15.64 V
Short Circuit Current (Isc)	1.74 A
Open Circuit Voltage (Voc)	19.38 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	34 x 156 mm Polycrystalline, 36 (3x12) pcs in series
Solar Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy type 6063 -T5
Junction Box	Rated current ≥ 12A, IP ≥ 67, TUV & UL
Dimension	490 x 545 x 35 mm
Output Cable	4 mm ² (EU)/12 AWG (US), 900 mm
Weight	4.0 Kg
Installation hole Location	See Drawing Above

PACKING INFORMATION

Container	20' GP	40' GP	40' HQ
Pallets per Container	44	88	88
Pieces per Container	1188	2376	2464

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)

IREX ENERGY JOINT STOCK COMPANY

Add: No 47, Le Van Thinh Street, Quarter 5, Binh Trung Dong Ward, District 2, HCMC, Vietnam
 Tel: (+84.28) 7300 1559 | Fax: (+84.28) 6255 8093 | Email: info@irex.vn | Website: irex.vn
 Factory: Street 9, Phu My 1 Industrial Zone, Tan Thanh District, Ba Ria - Vung Tau Province, Vietnam
 Tel: (+84.254) 392 3594 | Fax: (+84.254) 392 3594

