



# SOLAR MODULE 350 W



**EFFICIENCY**

High Module Conversion Efficiencies



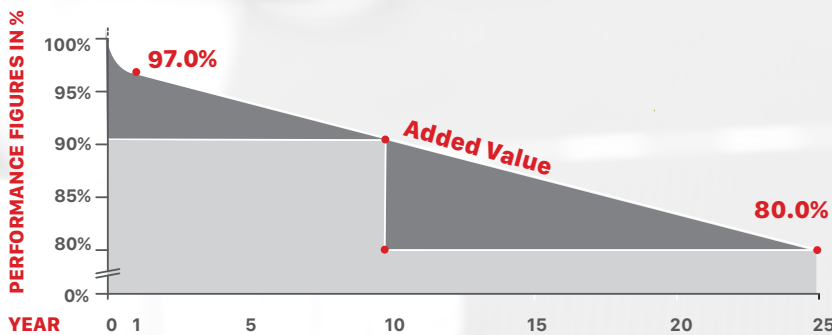
**EASY & QUICK**

Easy Installation and Handling



**MECHANICAL LOAD**

Heavy snow load up to 5400 Pa, Wind load up to 2400 Pa



**CERTIFICATES:**



**IREX ENERGY JOINT STOCK COMPANY**

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**Factory:** No. 1A Street, Phu My 1 Industrial Zone, Tan Thanh District, Ba Ria - Vung Tau Province, Vietnam  
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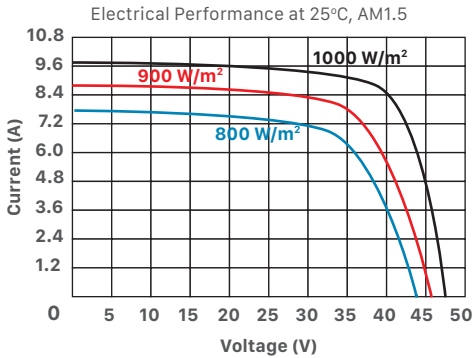


www.irex.vn

# 156 SERIES - 72 CELLS MONOCRYSTALLINE



## PERFORMANCE



## ELECTRICAL CHARACTERISTICS STC

IR350M-72

Maximum Power (Pmax)	350 W
Power Tolerance	0 ~ 3%
Module Efficiency	18.1%
Maximum Power Current (Imp)	9.18 A
Maximum Power Voltage (Vmp)	38.26 V
Short Circuit Current (Isc)	9.73 A
Open Circuit Voltage (Voc)	47.49 V

Values at Standard Test Conditions

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

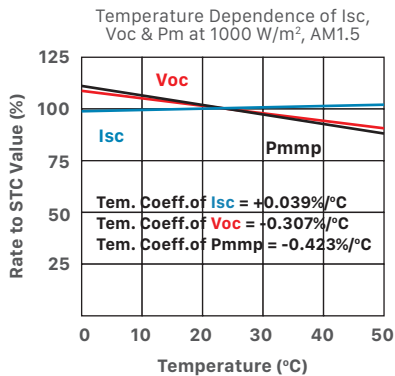
## ELECTRICAL CHARACTERISTICS NOCT

IR350M-72

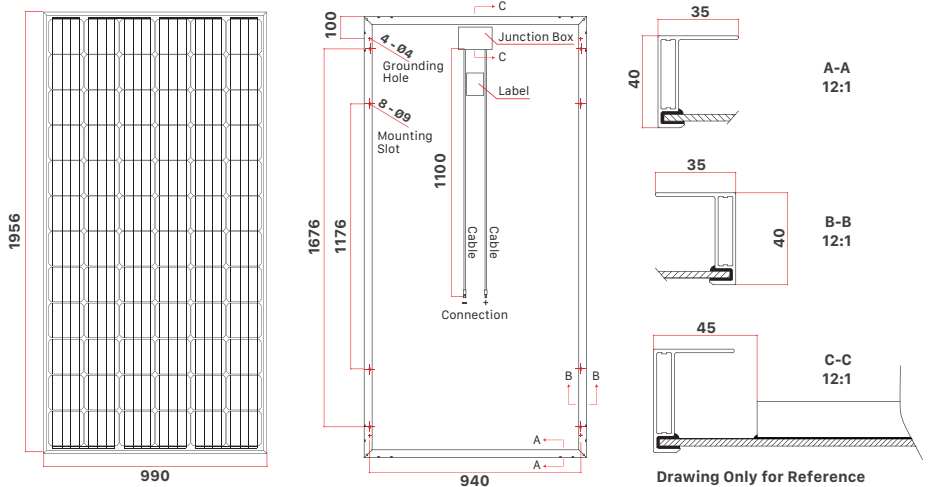
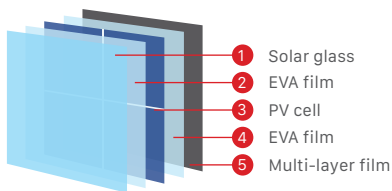
Maximum Power (Pmax)	256.00 W
Maximum Power Current (Imp)	7.25 A
Maximum Power Voltage (Vmp)	35.39 V
Short Circuit Current (Isc)	7.78 A
Open Circuit Voltage (Voc)	43.98 V

Values at Nominal Operating Cell Temperature

(NOCT: Wind speed 1 m/s, Irradiance 800 W/m², Cell Temperature 45°C, Ambient Temperature 20°C)



## STRUCTURE



Drawing Only for Reference

## MECHANICAL CHARACTERISTICS

Cell Type	156.75 x 156.75 mm Monocrystalline, 72 (6x12) pcs in series
Solar Glass	High Transmission, Low Iron, Tempered Glass with Anti-Reflective Coating
Frame	Anodized Aluminum Alloy type 6063 - T5
Junction Box	Rated current ≥ 15A, IP ≥ 67, TUV & UL
Dimension	1956 x 990 x 40 mm
Output Cable	4 mm² (EU)/12 AWG (US), 1100 mm
Weight	22 kg
Installation hole Location	See Drawing Above

## PACKING INFORMATION

Container	20' GP	40' GP	40' HQ
Pallets per Container	10	24	24
Pieces per Container	260	624	672

## MAXIMUM RATINGS

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