

SMALL SOLAR MODULE

# 200 W

# IREX

a member of SolarSK

## IRM72M MONOCRYSTALLINE



### OFF-GRID APPLICATIONS

Ideal for lighting, navigating, charging, etc.  
Perfect for engineering projects and mobile devices



### FAST, SAFE & VERSATILE

Easy installation and handling, Power Outage Relief  
Flexible design, Customizing on demand  
Power outage and disaster relief



### WARRANTY & DURABILITY

5 years Warranty Materials & Workmanship  
2400 Pa Snow and Wind load



### THE #1 DOMESTIC PV MANUFACTURER IN VIETNAM

100% Automatic production line  
International quality PV technology

## CERTIFICATES



ISO 14001: 2015  
Environmental Management System  
gms.com.au  
AN: 51410954M

**ISO 9001:2015:** Quality Management System  
**ISO 14001:2015:** Environmental Management System

## HIGH QUALITY FOR PROSPERITY

IREX Energy Joint Stock Company produces the #1 Vietnamese-Made Photovoltaic (PV) modules, internationally certified with excellent performance and flexible in customization per demand.

Going solar requires a long-term commitment. For this, all our solar modules are **insured by MunichRe**, world's best reinsurance provider. You can sit back, relax and enjoy the sunshine; as our company and warranty partner will **always be with you in 25 years!**

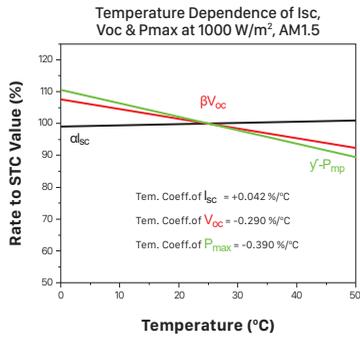
With the **finest price and customer service** can only be found at IREX Joint Stock Company, we look forward to working with you soon!

### IREX ENERGY JOINT STOCK COMPANY

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## PERFORMANCE

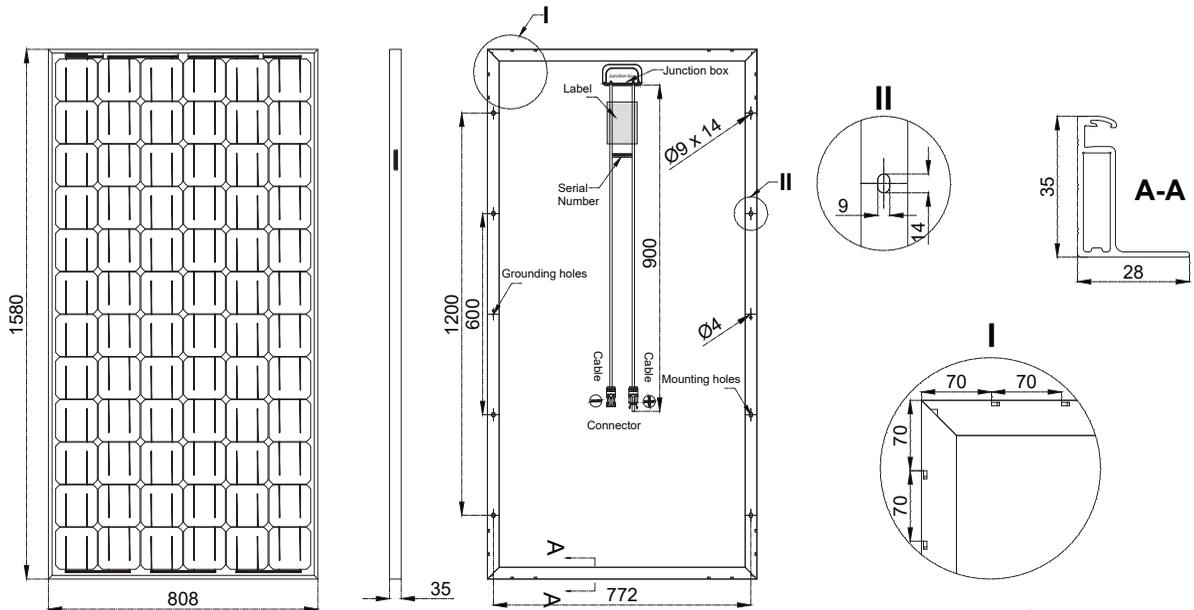


## ELECTRICAL CHARACTERISTICS STC IRM72M-200

Max Power ( $P_{max}$ )	200 W
Power Tolerance	0 ~ 3 %
Module Efficiency	15.67 %
Max Power Current ( $I_{mp}$ )	5.54 A
Max Power Voltage ( $V_{mp}$ )	36.13 V
Short Circuit Current ( $I_{sc}$ )	5.90 A
Open Circuit Voltage ( $V_{oc}$ )	45.17 V

Values at Standard Test Conditions

(STC: Spectrum AM 1.5, Irradiance of 1000 W/m<sup>2</sup>, Cell Temperature 25°C)



Drawing Only for Reference

## MECHANICAL CHARACTERISTICS

Cell Type	125 x 125 mm, Polycrystalline, 72 (6 x 12) pcs in series
Front Cover	3.2 mm High Transmission, Low Iron, Tempered Glass with Anti-Reflective Coating
Back Cover	Composite film
Frame	Anodized Aluminum Alloy type 6063-T5 (Silver/ Black)
Junction Box	3 bypass diodes, IP 68 rated in accordance with IEC 62790
Dimension	1580 x 808 x 35 mm
Output Cable	4 mm <sup>2</sup> (IEC)/ 12 AWG (UL), 900 mm in accordance with IEC 62852
Weight	15 kg (approx)
Connector	MC4 Compatible

## PACKING INFORMATION

Container	20' GP	40' GP	40' GP
Pallets per Container	12	28	28
Pieces per Container	396	924	924

## OPERATING CONDITIONS

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1000 VDC
Maximum Series Fuse Rating	15 A
NMOT	45°C ± 2°C
Application Class	Class A