SOLAR MODULE
395 W

IREX
a member of SolarBK

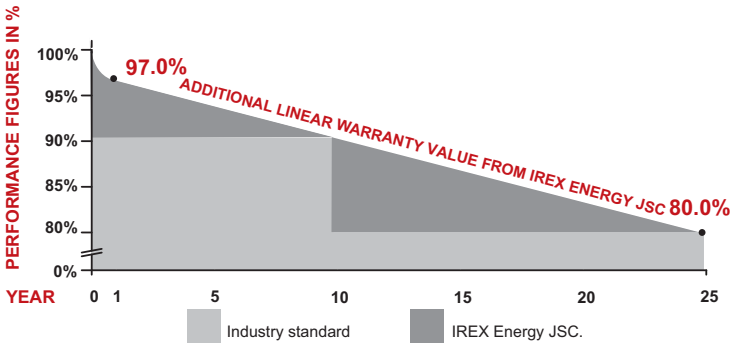
72 CELLS - MONOCRYSTALLINE

ADVANCED PERC CELL TECHNOLOGY
Absorbing more light, High module efficiency
Low breakage rate, Annual power degradation 0.7%

FAST & SAFE
Easy installation and handling
Environmentally friendly

MODULE DURABILITY
5400 Pa snow load, 2400 Pa wind load
Ideal for PV rooftops, ground mount, floating

THE #1 DOMESTIC PV MANUFACTURER IN VIETNAM
100% Automatic production line
International quality PV technology



12 - years
Material & workmanship

25 - years
Linear power Output

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!

CERTIFICATES

ID 44 100 21 94 0003

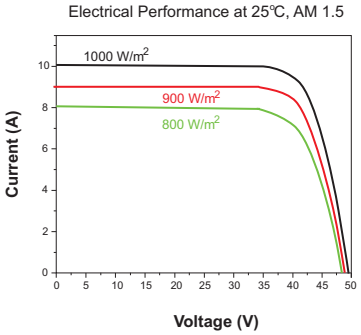
ISO 14001: 2015 Environmental Management System qms.com.au
AN: S1410994MA

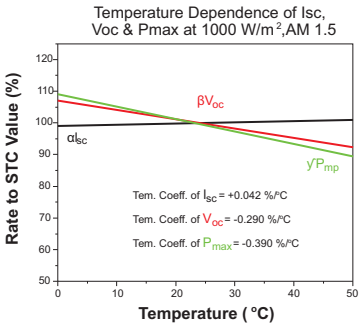
LISTED [PHOTOVOLTAIC MODULE OVER 600 VOLTS] E496023

ISO 9001:2015: Quality Management System
ISO 14001:2015: Environmental Management System
IEC61215: Terrestrial Photovoltaic (PV) Modules – Design Qualification and Type Approval
IEC61730: Photovoltaic (PV) Module Safety Qualification

IREX ENERGY JOINT STOCK COMPANY
Head Office: No. 47, Le Van Thinh Street, Quarter 5, Binh Trung Dong Ward, Thu Duc City, HCMC, Vietnam
Factory Address: Road No. 1A, Phu My 1 Industrial Zone, Tan Phuoc Ward, Phu My Town, Ba Ria - Vung Tau Province, Vietnam
Tel: +84-28-7300-1559 | **Email:** info@irex.vn | **Website:** www.irex.vn
Fax HCMC: +84-28-7300-6760 | **Fax IREX Factory:** +84-254-2923-594

PERFORMANCE





ELECTRICAL CHARACTERISTICS STC — IRM72S1-395

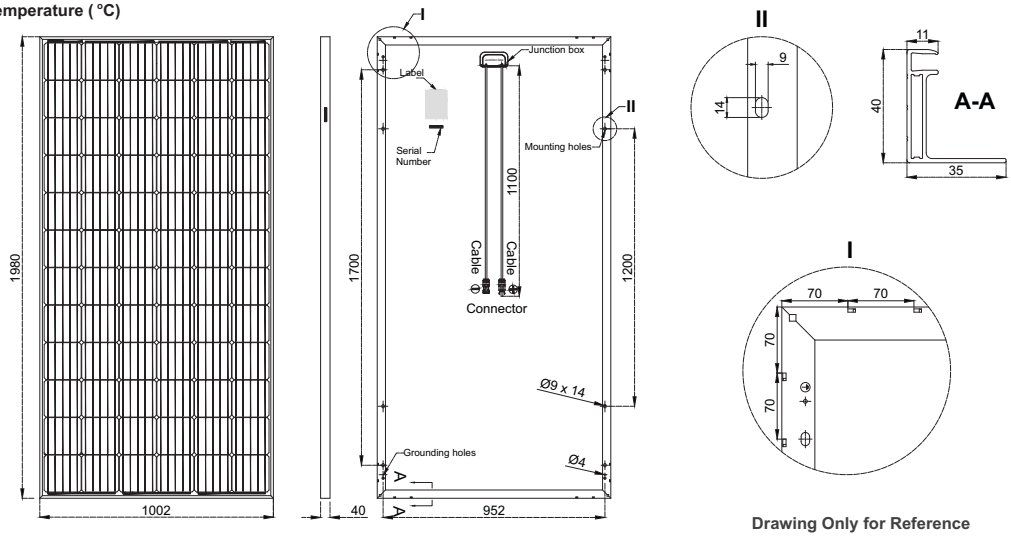
Maximum Power (Pmax)	395 W
Power Tolerance (Wp)	0 ~ 5
Module Efficiency	19.91%
Maximum Power Current (Imp)	9.80 A
Maximum Power Voltage (Vmp)	40.31 V
Short Circuit Current (Isc)	10.18 A
Open Circuit Voltage (Voc)	49.60 V

Values at Standard Test Conditions
(STC: AM 1.5 Spectrum, Irradiance of 1000 W/m², Cell Temperature 25ºC)

ELECTRICAL CHARACTERISTICS NMOT — IRM72S1-395

Maximum Power (Pmax)	312.05 W
Maximum Power Current (Imp)	7.50 A
Maximum Power Voltage (Vmp)	41.61 V
Short Circuit Current (Isc)	7.97 A
Open Circuit Voltage (Voc)	48.54 V

Values at Nominal Module Operating Temperature
(NMOT: AM 1.5 Spectrum, Irradiance of 800 W/m², Ambient Temperature 20ºC, Wind Speed 1 m/s)



Drawing Only for Reference

MECHANICAL CHARACTERISTICS

Cell Type	158.75 x 158.75 mm Monocrystalline, 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 (Black/White)
Frame	Anodized Aluminum Alloy type 6063 - T5 (Black/Silver)
Junction Box	3 bypass diodes, IP 68 rated in accordance with IEC 62790
Dimension	1980 x 1002 x 40 mm
Output Cable	4 mm² (IEC)/ 12 AWG (UL), 1100 mm in accordance with IEC 62852
Weight	23 kg (approx)
Connector	MC4 Compatible

PACKING INFORMATION

Container	20' GP	40' GP	40' HQ
Pallets per Container	10	22	22
Pieces per Container	270	594	638

OPERATING CONDITIONS

Operating Temperature	-40ºC ~ +85ºC
Maximum System Voltage	1500 VDC
Maximum Series Fuse Rating	20 A
NMOT	45ºC ± 2ºC
Application Class	Class A