

SOLAR MODULE 265 W

IREX
a member of Solar3K

**48 CELL
BIFACIAL 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



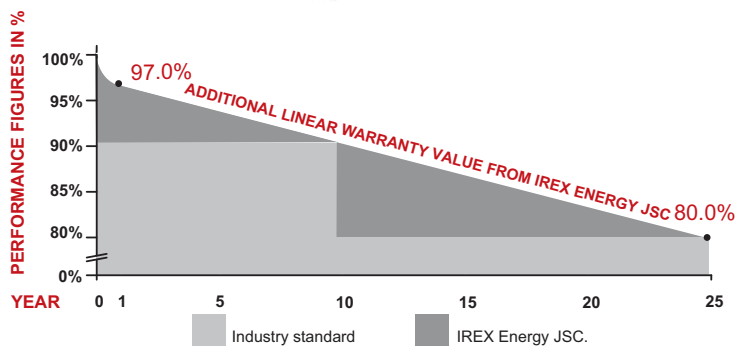
MODULE DURABILITY

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



CERTIFICATES



ID 44 100 21 94 0003



ISO 14001:2015
Environmental
Management
System
qms.com.au
AN: 514109488A

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!

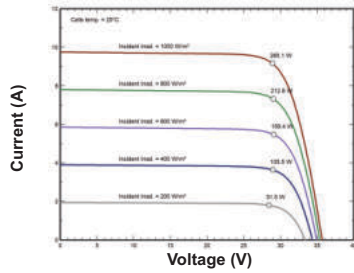
IREX ENERGY JOINT STOCK COMPANY

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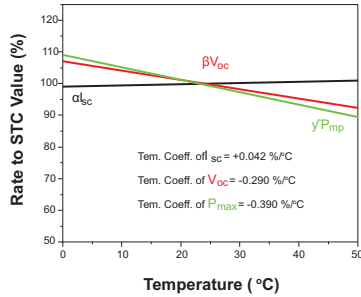


PERFORMANCE

Electrical Performance at 25°C, AM 1.5



Temperature Dependence of Isc, Voc & Pmax at 1000 W/m², AM 1.5



ELECTRICAL CHARACTERISTICS STC

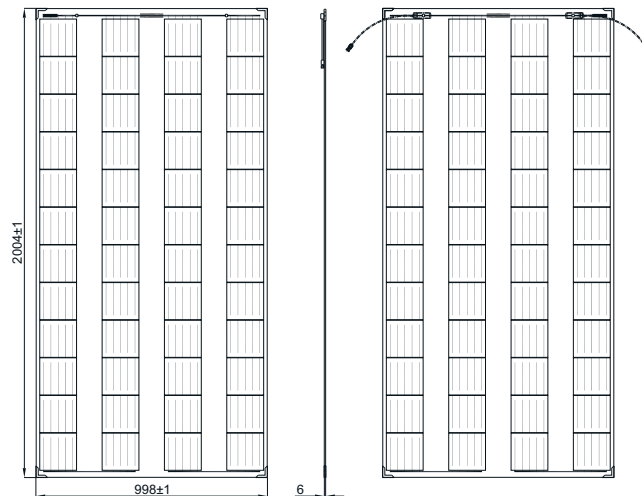
IRM48B1-265

Maximum Power (Pmax)	265 W
Power Tolerance (Wp)	0 ~ 5
Module Efficiency	18.1 %
Maximum Power Current (Imp)	9.20 A
Maximum Power Voltage (Vmp)	28.81 V
Short Circuit Current (Isc)	9.75 A
Open Circuit Voltage (Voc)	35.68 V
Values at Standard Test Conditions (STC: AM 1.5 Spectrum, Irradiance of 1000 W/m², Cell Temperature 25°C)	

ELECTRICAL CHARACTERISTICS NMOT

IRM48B1-265

Maximum Power (Pmax)	193 W
Maximum Power Current (Imp)	7.27 A
Maximum Power Voltage (Vmp)	26.56 V
Short Circuit Current (Isc)	7.80 A
Open Circuit Voltage (Voc)	32.91 V
Values at Nominal Module Operating Temperature (NMOT: AM 1.5 Spectrum, Irradiance of 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s)	



MECHANICAL CHARACTERISTICS

Cell Type	158.75 x 158.75 mm Bifacial Monocrystalline, 48 (4 x 12) pcs in series
Front Cover	2.0 mm High Transmission, Low Iron, Tempered Glass with Anti-Reflective Coating
Back Cover	2.0 mm High Transmission, Low Iron, Tempered Glass with Anti-Reflective Coating
Frame	Frameless
Junction Box	2 bypass diodes, IP 68 rated in accordance with IEC 62790
Dimension	2004 x 998 x 6 mm
Output Cable	4 mm², 250mm(+)/ 350mm(-) or Customized Length in accordance with IEC 62852
Weight	24 kg (approx)
Connector	MC4 Compatible

PACKING INFORMATION

Container	20' GP	40' GP	40' HQ
Pallets per Container	10	22	22
Pieces per Container	300	660	660

OPERATING CONDITIONS

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