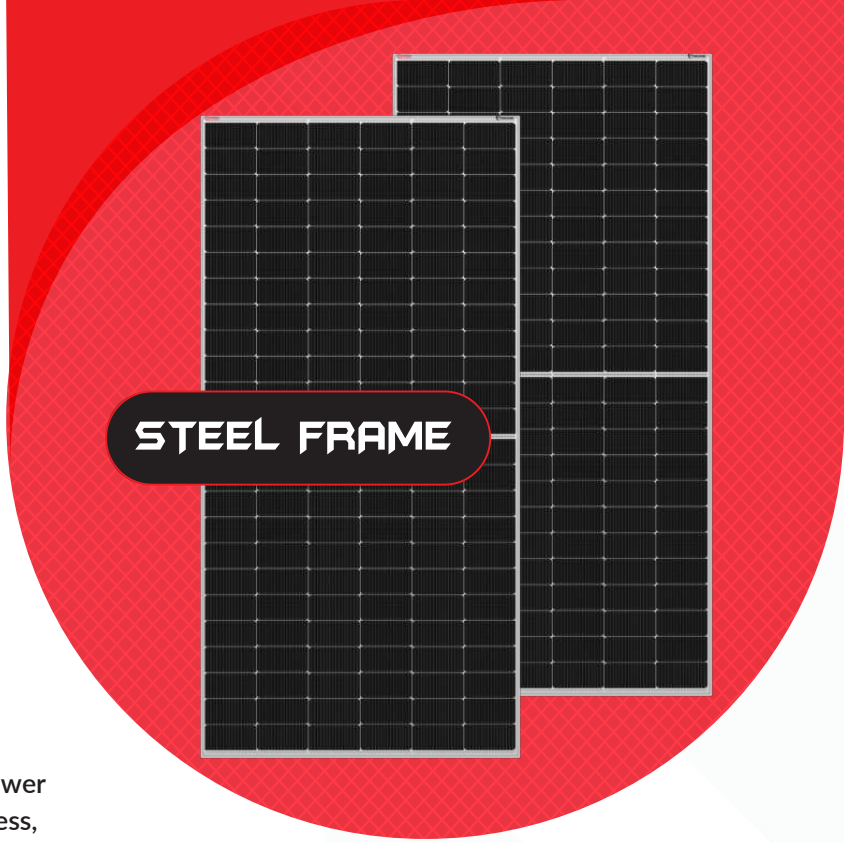
INVEREX
SOLAR ENERGY



MUSTANG

720 WATT

Monocrystalline Module
Bifacial Dual-Glass

High quality silicon wafers guarantee high power module output and excellent cost-effectiveness, making it an ideal choice for large power plants.

PID

Selected packaging materials and strict process plans to ensure component PID resistance.

LID

Lower oxygen and carbon content leads to lower LID.

Adapt to harsh outdoor environments through weather resistance tests such as sand and dust, salt spray and ammonia gas.

The design of series and parallel connection reduces the series resistance Rs of components, reduces internal electrical performance losses, and improves the power generation capacity of the system end.

- **FIRE CLASS C**
  Fire protection through double glazing according to safety requirements.
- **REINSURANCE GUARANTEE**
  Taoistic is reinsured for 30 years of performance guarantee.





24 BB (210 mm)

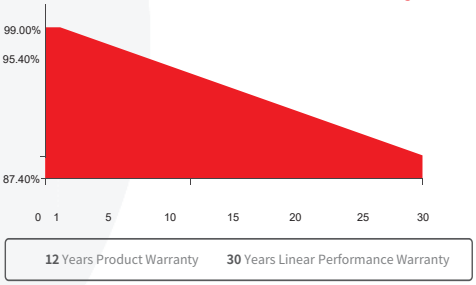
Product Certification

TÜV SÜD CE cec

Deliver Reliable Performance Over Time

- Manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard: ISO9001:2015, ISO14001: 2015 and ISO 45001:2008
- Tested for harsh environments (salt mist, ammonia corrosion, sand blowing test and PID test: IEC 61701, IEC 62716)
- Long term reliability tests
- 2×100% EL inspection ensuring defect-free modules

Linear Performance Warranty



Maximum Power Output	720W	Maximum Module Efficiency	23.20%	Power Output Tolerance	0~+3%

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INVEREX SOLAR ENERGY

MUSTANG
720 WATT
Monocrystalline Module
Bifacial Dual-Glass

Electrical Properties | STC*

Testing Condition	Front Side	Front Side	Front Side	Front Side	Front Side	Front Side
Peak Power (Pmax) (W)	705	710	715	720	725	730
MPP Voltage (Vmp) (V)	40.20	40.40	40.60	40.80	41.00	41.20
MPP Current (Imp) (A)	17.54	17.58	17.62	17.65	17.69	17.72
Open Circuit Voltage (Voc) (V)	48.10	48.30	48.50	48.70	48.90	49.10
Short Circuit Current (Isc) (A)	18.54	18.59	18.64	18.69	18.74	18.79
Module Efficiency (%)	22.70	22.90	23.00	23.20	23.30	23.50

*STC: Irradiance 1000 W/m², Cell Temperature 25°C, AM1.5
The data above is for reference only and the actual data is in accordance with the pratical testing
Power Measurement Tolerance ±3%

Electrical Properties | NOCT*

Testing Condition	Front Side	Front Side	Front Side	Front Side	Front Side	Front Side
Peak Power (Pmax) (W)	534	538	542	546	550	554
MPP Voltage (Vmp) (V)	38.10	38.30	38.50	38.70	38.90	39.10
MPP Current (Imp) (A)	14.03	14.06	14.09	14.12	14.15	14.18
Open Circuit Voltage (Voc) (V)	45.60	45.80	46.00	46.20	46.40	46.60
Short Circuit Current (Isc) (A)	14.95	14.99	15.03	15.07	15.11	15.15

*NMOT: Irradiance 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s

Specification

Number of Cells	132 pieces [6 x 22]
Module Dimension	2384 x 1303 x 30mm
Weight	Approx 38.5 Kg
Front Side Glass	2.0mm , Anti-Reflection Coating Glass
Back Side Glass	2.0mm , High Transparency Coating Glass
Frame	Steel
Junction Box	Protection Level IP68
Length of Cable	4.0mm², 1200mm
Number of Diodes	3
Wind/Snow Load	2400 Pa/5400 pa*
Connector	MC4 Compatible or MC Compatible

Temperature Ratings

Nominal Operating Cell Temperature	44±2℃
Temperature Coefficient of Voc	-0.250%/℃
Temperature Coefficient of Isc	+0.046%/℃
Temperature Coefficient of PMax	-0.300%/℃

Temperature Ratings

Operational Temperature	-40~+85℃
Maximum System Voltage	1500V DC-[H]
Temperature Coefficient of Isc	35A

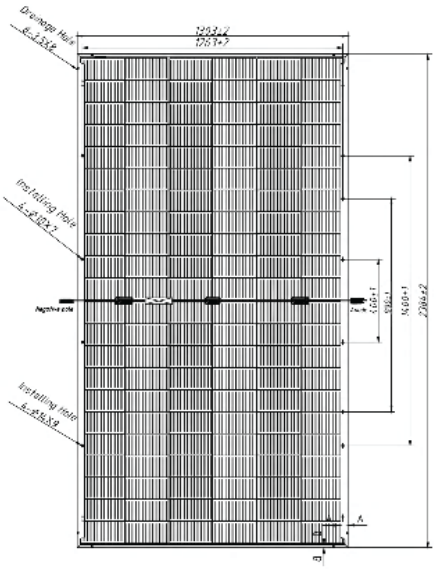
Packing Configuration

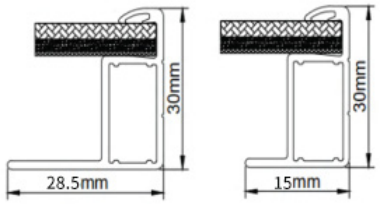
Module Per Box	37 Pieces
Module per 17.5 flatcar	828 pieces
Module per 40 container	666 Pieces

Optional

Connector	Original MC
Cable Length	1200 mm
Frame	Black
Glass	Black

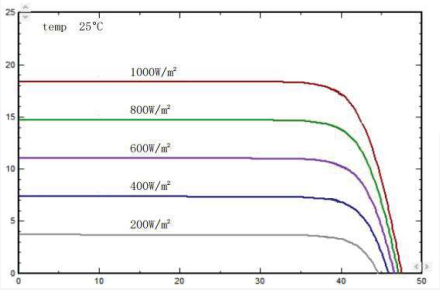
Engineering Drawing (unit: mm)



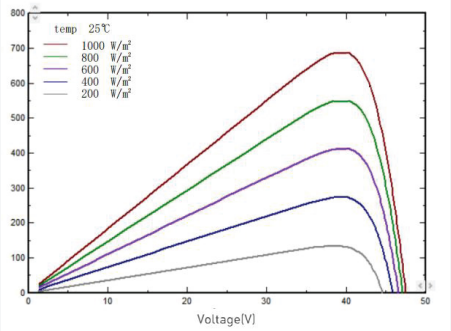


Characteristic Curves

I-V Curve at Different Temperature (730W)



I-V/P-V Curve at Different Irradiation (730W)



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