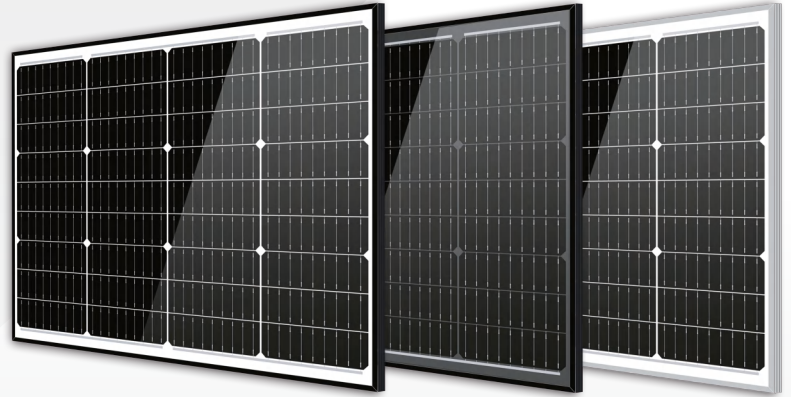


Solar Creek

70-75 Watt MONO-FACIAL MODULE



- IEC61215: 2021
- IEC61730: 2016
- TUV Rheinland Standard
- Lloyd'S Ariel Re
- Solar Performance Insurance
- ISO9001: 2015
- Quality Management System
- ISO14001:
- Environmental Management System
- CE: Europe Standard
- Inmetro Certificate
- ETL Certificate

KEY FEATURES



SBB/MBB
More uniform current collection capability, reducing the current heat loss of the internal cells.



Low Light Features
Higher performance under low light environment.



Higher Output Power
The output power of 36 half-cells Monocrystalline modules is up to 75W.



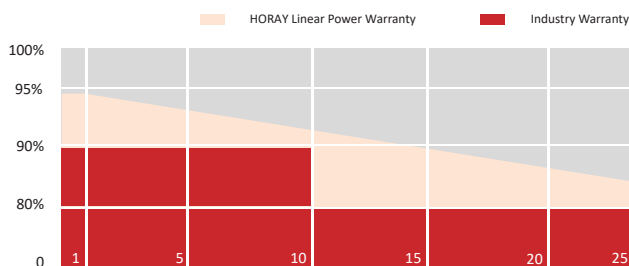
PID Protection
Ensure the attenuation probability caused by PID phenomenon is minimized.



Harsh Environmental Adaptability
Strict salt spray and ammonia corrosion test by the third party.



Load Capacity
Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa.



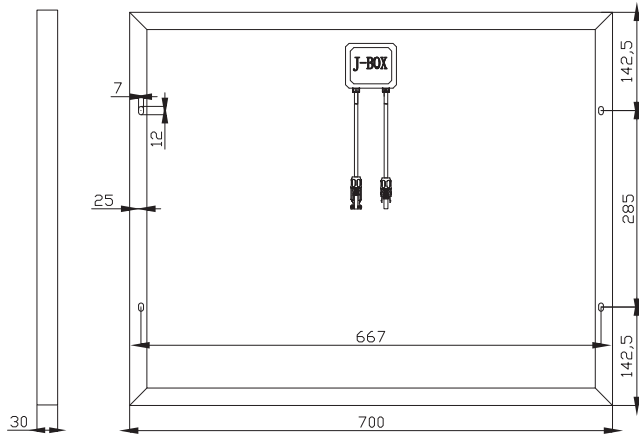
HEADQUARTER: HORAY SOLAR CO., LTD.

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MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	4.8kg
Dimension	570mm*700mm*30mm
Cell Dimension	166*55.3mm
Cell Amount	4*9 pcs
Maximum System Voltage	1500V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	Length can be customized
Connector	MC4 compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	HS70-MHL	HS75-MHL
Power	70W	75W
Open Circuit Voltage	25.00V	25.10V
Short Circuit Current	3.57A	3.80A
Maximum Power Voltage	20.80V	20.90V
Maximum Power Current	3.37A	3.59A
Module Efficiency	17.54%	18.80%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/ m², spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL PARAMETERS AT NMOT

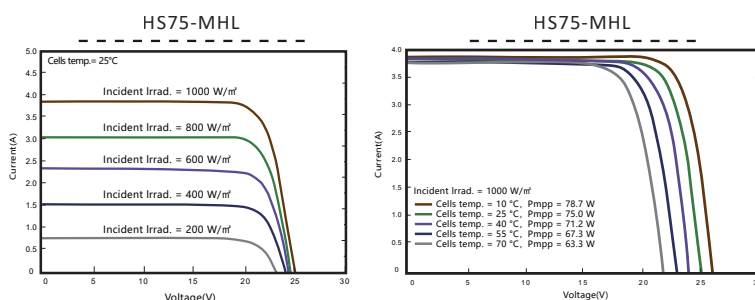
Power	53W	57W
Open Circuit Voltage	23.56V	23.83V
Short Circuit Current	2.86A	3.04A
Maximum Power Voltage	19.63V	19.86V
Maximum Power Current	2.70A	2.87A
Module Efficiency	13.28%	14.29%

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/ m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

TEMPERATURE CHARACTERISTICS

NMOT	45±2°C	Temp Coefficient of ISC	+0.05%/°C
Temp Coefficient of VOC	-0.28%/°C	Temp Coefficient of Pmax	-0.34%/°C

IV CHARACTERISTICS



MAXIMUM RATING

Power selection	0~+5W
Measuring uncertainty of Pm	0~±3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	15A

5 YEARS Quality Warranty

25 YEARS Power Warranty

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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This type is a custom solar module. Please confirm with HORAY SOLAR before ordering.

Version number: MHO_EN_2024_A