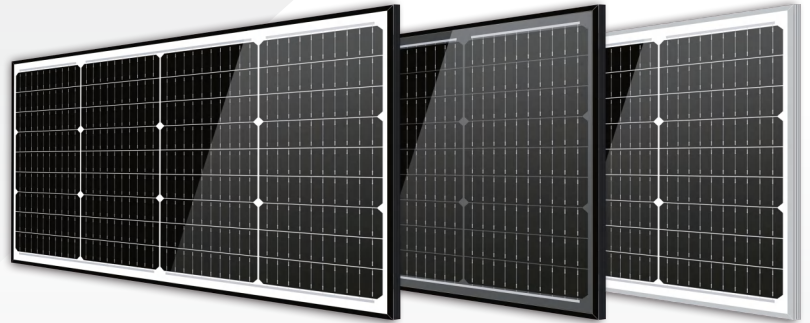


Solar Creek

60–65 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



5BB/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 65W.



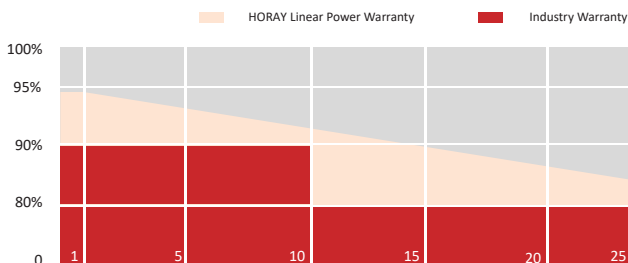
PID Protection
Ensure the attenuation probability caused by PID phenomenon is minimized.



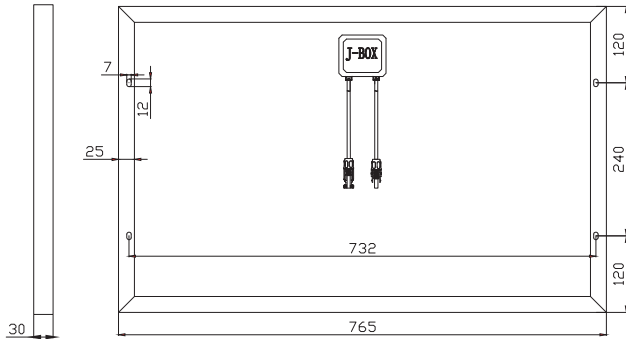
Harsh Environmental Adaptability
Strict salt spray and ammonia corrosion test by the third party.



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



MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	4.4kg
Dimension	480mm*765mm*30mm
Cell Dimension	182*45.5mm
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	HS60-MHO	HS65-MHO
Power	60W	65W
Open Circuit Voltage	24.90V	25.44V
Short Circuit Current	3.02A	3.25A
Maximum Power Voltage	21.10V	21.20V
Maximum Power Current	2.85A	3.07A
Module Efficiency	16.34%	17.70%

* 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

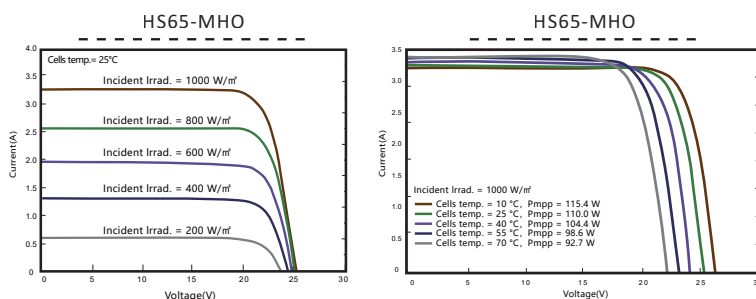
Power	46W	50W
Open Circuit Voltage	24.22V	24.49V
Short Circuit Current	2.42A	2.60A
Maximum Power Voltage	20.18V	20.41V
Maximum Power Current	2.28A	2.45A
Module Efficiency	12.53%	13.62%

* 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



Quality
Warranty



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