2Kw Single-phase micro inverter

Model: HJ-MG0002-W Power: 2Kw

Summary

HJ-MG0002-W series micro inverters have 2 input channels with independent MPPT functions and high input current and output power to adapt to today's higher-power power modules. Users can directly connect their mobile phones to HJ-MG0002-W via Bluetooth to obtain real-time data of the photovoltaic system.

2Kw Single-phase micro inverter (HJ-MG0002-W)

Product Features

Independent MPPT

One microinverter connects two components with independent MPPT;

High power: Maximum output power reaches 2000W;

High protection level

IP67 high protection level;

Perfect functions

Built-in Wi-Fi and Bluetooth; Built-in safety protection relay; Directly plugged into the wall socket;

Technical Parameters

Product Parameters

DC Input	
Recommended Array Power Range	**315Wp-660Wp+**
MPPT Voltage Range	**56V-90V**
Operating Voltage Range	**52V-118V**
Max DC Input Voltage	**118V**
Max DC Input Current	**20Ax2**
Max DC Short-Circuit Current	**25Ax2**
AC Output	
Rated Output Power	**1900W**
Max Output Power	**2000W**
Rated Output Voltage/Default Output Voltage Range	**220V/ 187V-242V**
Max Output Current	**8.6A**
Rated Output Frequency/Default Output Frequency Range	**50Hz/47.5Hz-50.5Hz**
Power Factor	**>0.99**
Efficiency	
Max Efficiency	**97%**

MPPT Tracking Efficiency	**99.50%**
Night Loss	**20mW**
Mechanical Data	
Operating Temperature Range	**-40°C to +65°C**
Storage Temperature Range	**-40°C to +85°C**
Dimensions (L×W×H)	**283 mm x 233 mm x 39.5 mm**
Weight	**4.2kg**
DC Connection Type	**Staubli MC4 PV-ADBP4-S28ADSP4-S2**
AC Extension Cable	**Customer Provided***
Cooling	**Natural convection (no fan)**
Protection Level	**IP67**
Pollution Degree	**PD3**
Working Relative Humidity Range	**4%-100%**
Max Altitude	

Application

Specially used for balconies and DIY systems

Contact Us

For catalog requests, pricing, or partnerships, please visit:
https://www.highjoule.com