

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

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For catalog requests, pricing, or partnerships, please visit:
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