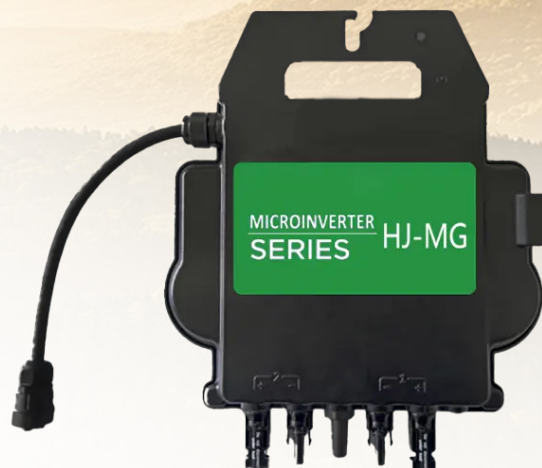


1kW Single-Phase Micro Inverter

Model: HJ-MG0001-W Power: 1Kw

Summary

HJ-MG0001-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-MG0001-W via Bluetooth to obtain real-time data of the photovoltaic system.



1kW Single-Phase Micro Inverter (HJ-MG0001-W)

Product Features

Independent MPPT

One microinverter connects two components with independent MPPT, with a maximum output power of 1000W;

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 **410Wp-760Wp+**

MPPT Voltage Range **28V-45V**

Operating Voltage Range **26V-60V**

Max DC Input Voltage **60V**

Max DC Input Current **20Ax2**

Max DC Short-Circuit Current **25Ax2**

AC Output

Rated Output Power **1000W**

Rated Output Voltage/Default Output Voltage Range **220V/187V-242V**

Max Output Current **4.5A**

Rated Output Frequency/Default Output Frequency Range **50Hz/475Hz-50.5Hz**

Power Factor **>0.99**

Efficiency

Max Efficiency **96%**

MPPT Tracking Efficiency **99.90%**

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)	263mm x 218 mm x 37 mm
Weight	3kg
DC Connection Type	Staubli MC4 PV-ADBP4-S28ADSP4-S2
Cooling	Natural convection (no fan)
Protection Level	IP67
Pollution Degree	PD3
Working Relative Humidity Range	4%-100%
Max Altitude	

Application

Balcony photovoltaic, home energy storage, dedicated for balcony and DIY system

Contact Us

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



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