

GDI 700W Solar Grid Tie Inverter.

Hohe Umwandlungsrate MPPT.

Reine Sinuswelle.

IP55 Wasserdichter.

230V Solar Micro Inverter für kleine Solaranlagen.

Berechnung der Wechselrichter-Umwandlungsrate:

Die kreative MPPT-Technologie macht die Effizienz höher als 98 %. Spitzenumsatz 80 %. Bedenken Sie, dass die Umwandlungsrate von Solarmodul und Wechselrichter etwa 80 % beträgt.



Solar Grid Tie Inverter Benutzerhinweis

Item Type: 700W Solar Grid Tie Inverter

Material: Aluminum Alloy

Inverter Box Size: Approx. 16.3 x 10.1 x 4cm / 6.4 x 3.9 x 1.6in

Output Voltage Waveform: Sine Wave

Photovoltaic Output (DC):

Input Connector Quantity: 1 Set

MPPT Voltage Range: 24-40V

Operating Voltage Range: 18-50V

Maximum Input Voltage: 50V

Efficiency:

- The Highest Conversion Efficiency: 92.5%
- CEC Weighted Efficiency: 230V AC: 91.5%
- MPPT: Tracking Efficiency: 99.9%
- Night Loss: <700mW
- Temperature Range: -40°C to 65°C
- Waterproof Grade: IP55

Start Voltage: 18V

Maximum Input Power: 700W

Maximum Input Current: 28A

AC Output (AC):

Single Phase Grid Type: 230V

Rated Output Power: 650W

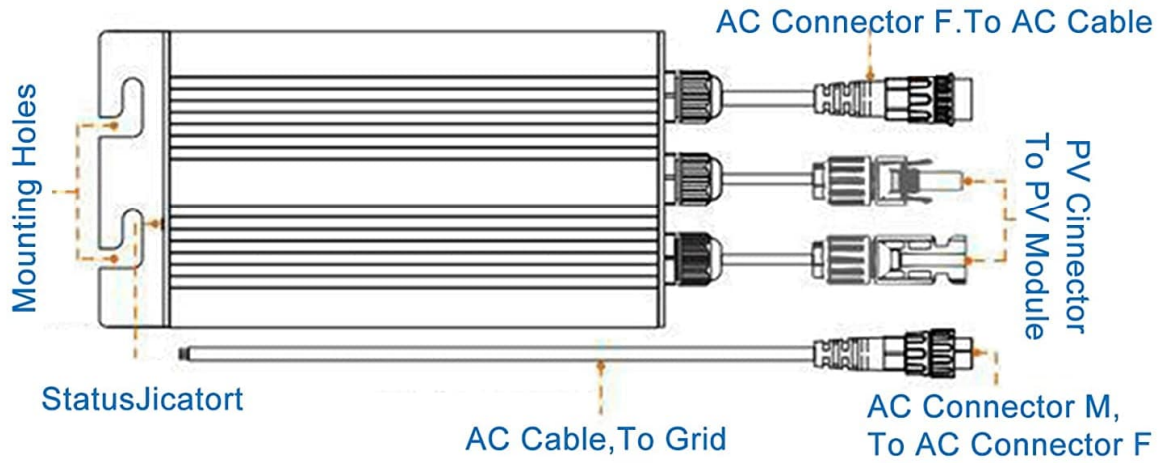
Maximum Output Power: 700W

Rated AC Current: 230V: 2.82A

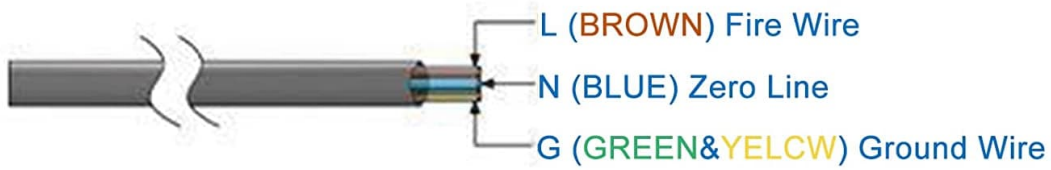
Rated AC Voltage: 230V AC

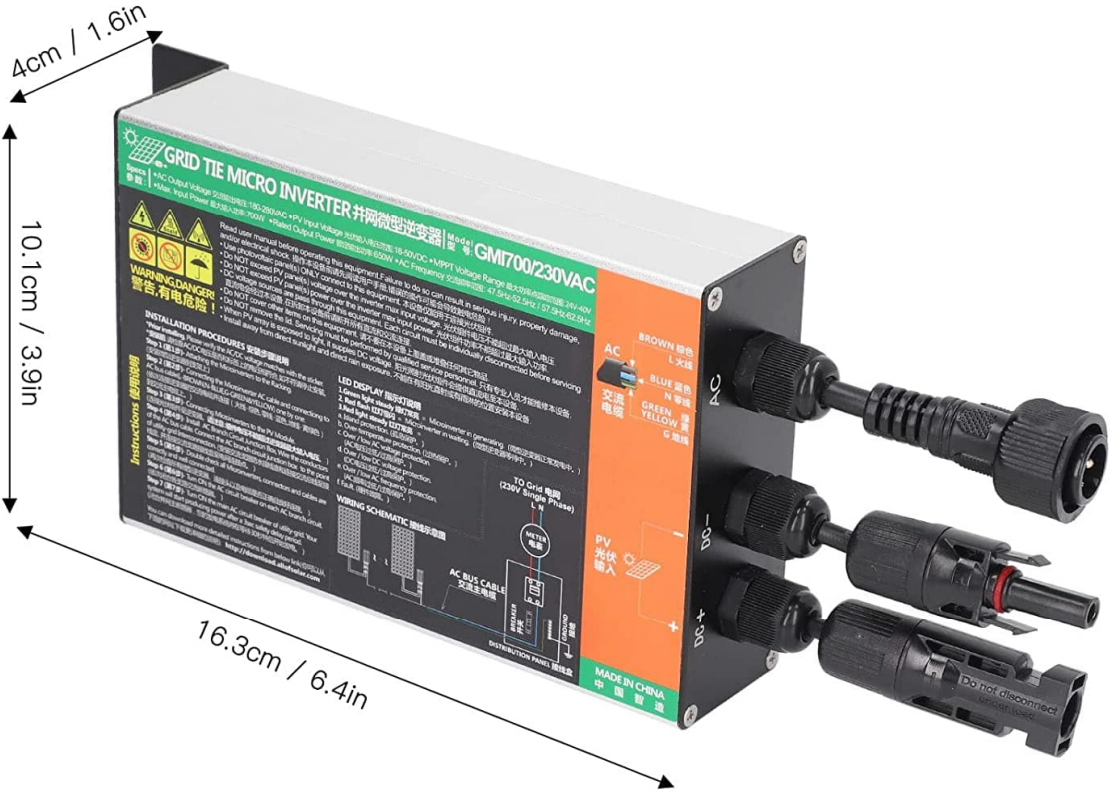
Output Voltage Range: 230V AC: 180V-280V

BASIC STRUCTURE



AC Cable





4cm / 1.6in

10.1cm / 3.9in

16.3cm / 6.4in

GRID TIE MICRO INVERTER 并网微型逆变器
Model: **GMI700/230VAC**
AC Output Voltage 220/230VAC
AC Output Power 600W/650W
PV Input Voltage 12VDC-48VDC
PV Input Power 80W-120W/150W

WARNING DANGER 警告, 有电危险!

Read user manual before operating this equipment. Failure to do so can result in serious injury or property damage.
• Do not touch live parts.
• Do NOT exceed PV (or other) voltage over the inverter max. input voltage.
• Do NOT touch live parts of the equipment.
• Do NOT cover other parts on the equipment.
• Do NOT remove the lid, service only must be performed by qualified service personnel.
• Install away from direct sunlight and direct rain exposure.

INSTALLATION PROCEDURES 安装步骤

1. Read the AC wiring instructions in the user manual.
2. Connect the AC output wires to the AC busbar.
3. Connect the PV input wires to the PV terminals.
4. Connect the ground wire to the ground terminal.
5. Turn on the AC power and check the LED display.

LED DISPLAY INDICATION

1. Green light: Normal operation.
2. Red light: Over temperature.
3. Red light: Over current.
4. Red light: Over voltage.
5. Red light: Over power.
6. Red light: AC input disconnected.
7. Red light: AC input reverse connection.
8. Red light: AC input short circuit.
9. Red light: AC input overvoltage.
10. Red light: AC input undervoltage.

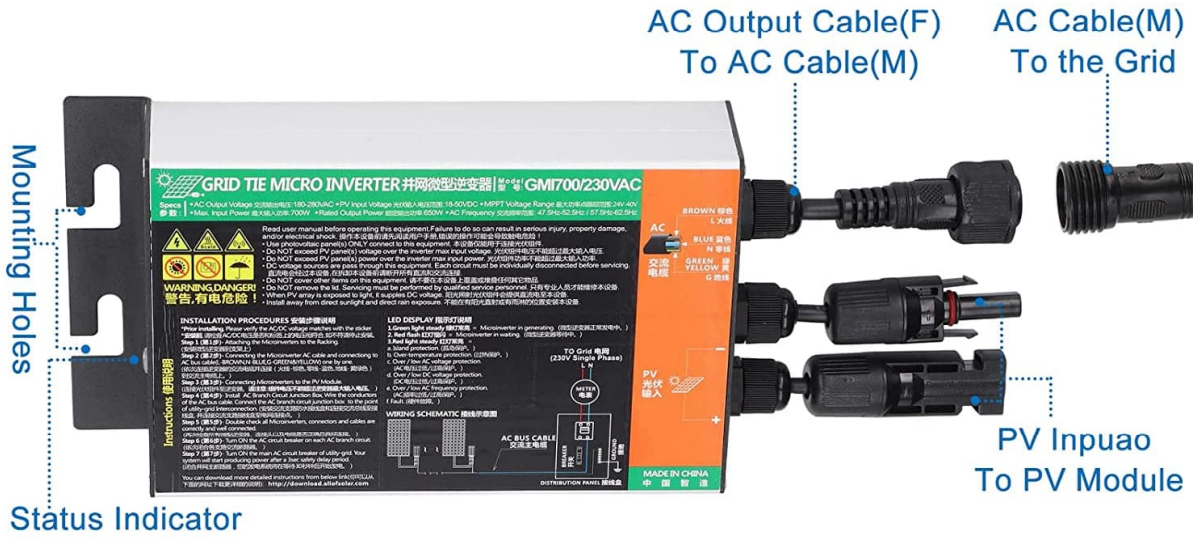
WIRING SCHEMATIC 接线图

TO CHIEF METER (220V Single Phase)
AC BUS CABLE
PV
DC+

MADE IN CHINA
中國製造



Basic Structure





Smart Grid Connection
AC output of the inverter can be connected with a socket, plug and play



Waterproof and Dustproof IP65v



Clean Energy
Save electricity bills



Efficient Conversion
Overall efficiency can reach 95%



MPPT Efficient Engine
MPPT captures the maximum power point in real time



Safe and Reliable
Island protection, voltage protection, frequency protection, temperature protection, current protection, etc.



No Wiring
Easy installation, no wiring



Environmentally friendly materials
Recyclable and environmentally friendly materials