

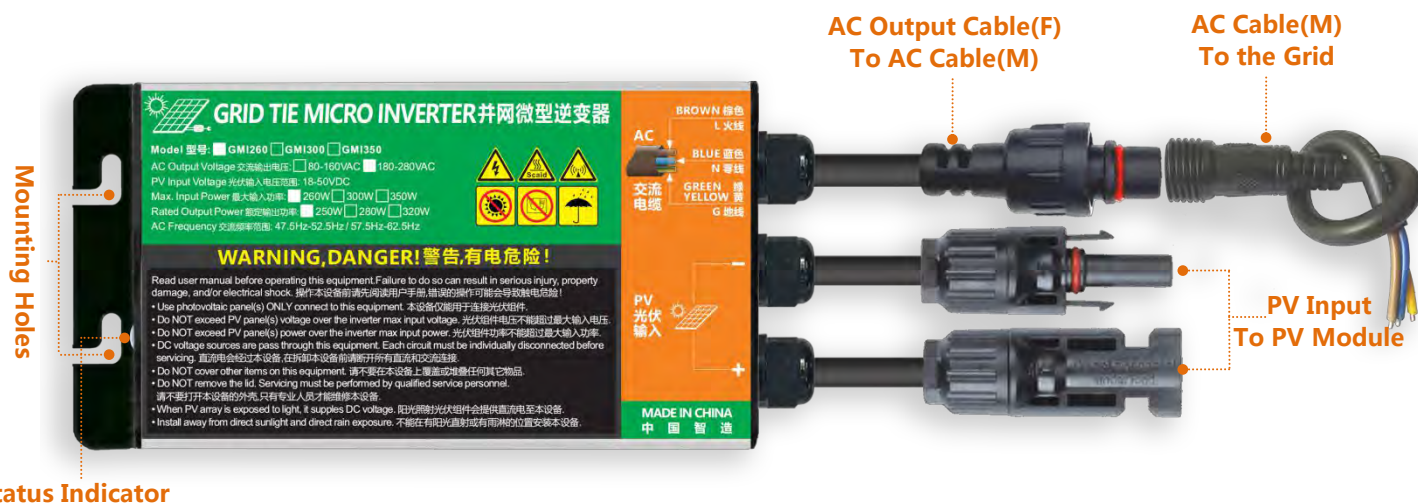
## GMI260-350 Series

## PV Grid Tie Microinverter

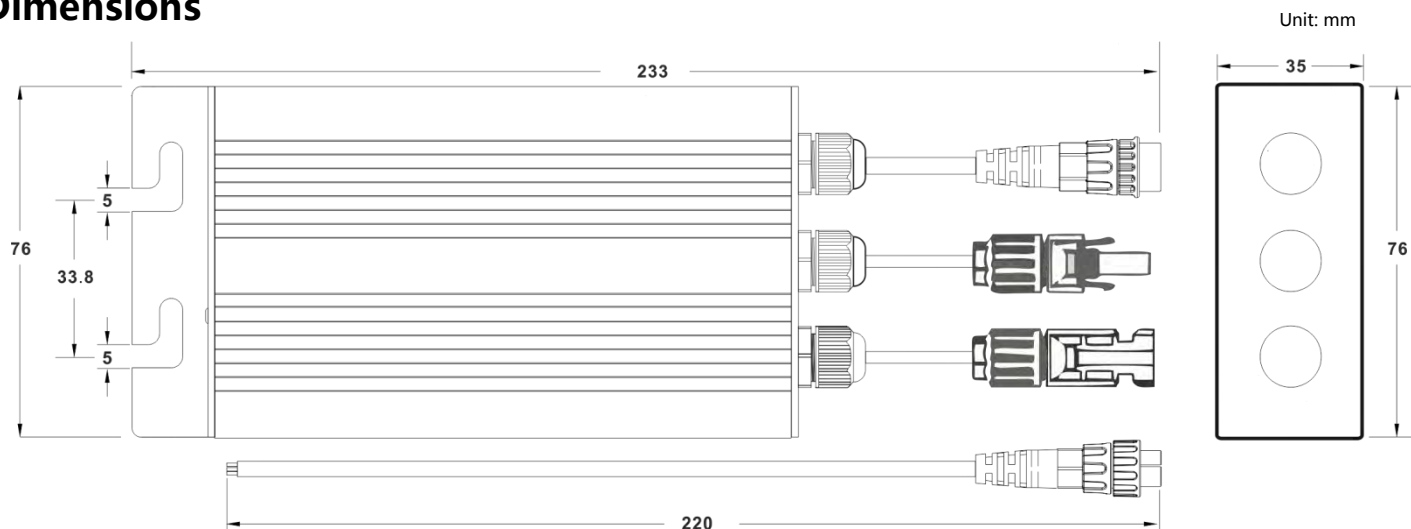
### GMI260-350 Series

- Single unit connects to one PV module
- Maximum 260/300/350W AC output power
- Single-phase output, Flexible 3-phase PV systems
- Customizable various input (DC, PV) voltage range
- Ready-To-Use
- Low cost, Easy installation

### Basic Structure



### Dimensions

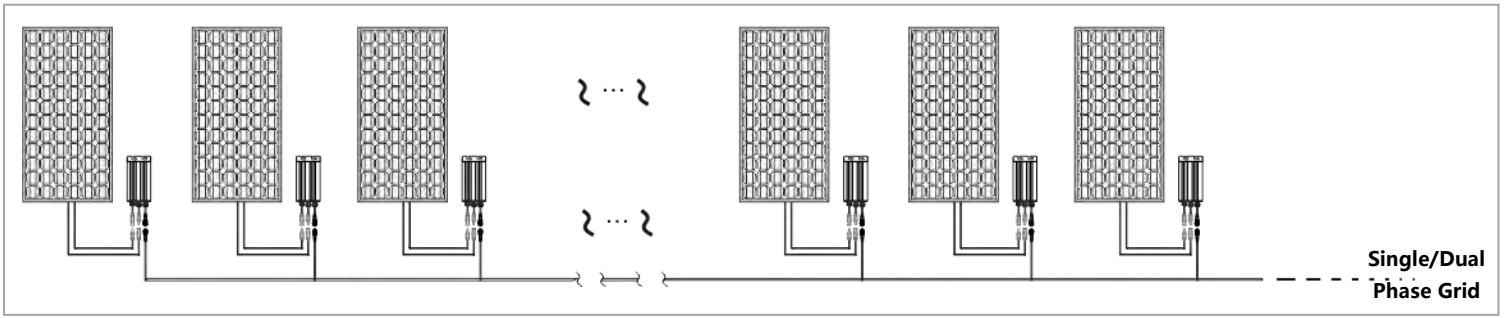


# GMI260-350 Series PV Grid Tie Microinverter - Parameter Table

Product Series	GMI260-350 Series		
Model	GMI260	GMI300	GMI350
<b>Input Data(DC,PV)</b>			
Number of Input MC4 Connector	1 set		
MPPT Voltage Range	24V-40V		
Operation Voltage Range	18V-50V		
Maximum Input Voltage	50V		
Startup Voltage	18V		
Maximum Input Power	260W	300W	350W
Maximum Input Current	10.4A	12A	14A
<b>Output Data(AC)</b>			
Single-Phase Grid Type	120V / 230V		
Rated Output Power	250W	280W	320W
Maximum Output Power	260W	300W	350W
Nominal Output Current	120V : 2.08A/230V : 1.08A	120V : 2.33A/230V : 1.21A	120V : 2.66A/230V : 1.39A
Nominal Output Voltage	120VAC / 230VAC		
Default Output Voltage Range	@120VAC : 80V-160V / @230VAC : 180V-280V		
Nominal Output Frequency	50Hz / 60Hz		
Default Output Frequency Range	@50Hz : 47.5Hz-52.5Hz / @60Hz : 57.5Hz-62.5Hz		
Power Factor	>0.99		
Total Harmonic Distortion	THD <5%		
<b>Efficiency</b>			
Peak Efficiency	92.5%		
CEC Weighted Efficiency	@120VAC : 90.5% / @230VAC : 91.5%		
Nominal MPPT Efficiency	99.9%		
Night Power Consumption	<700mW		
<b>Mechanical Data</b>			
Operating Ambient Temperature Range	-40°C to +65°C		
Storage Temperature Range	-40°C to +85°C		
Dimensions (W x H x D)	35mm x 76mm x 233mm		
Weight	0.5kg		
Waterproof Grade	IP55		
Cooling Mode	Natural Convection - No Fans		
<b>Other Features</b>			
Transformer Design	High Frequency Transformers, Galvanic ally Isolated		
Integrated Ground	Equipment ground is provided by the PE in the AC cable. No additional ground is required.		
Protection Functions	Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, Current Protection, etc.		

**\*\* Specifications subject to change without notice\*\***

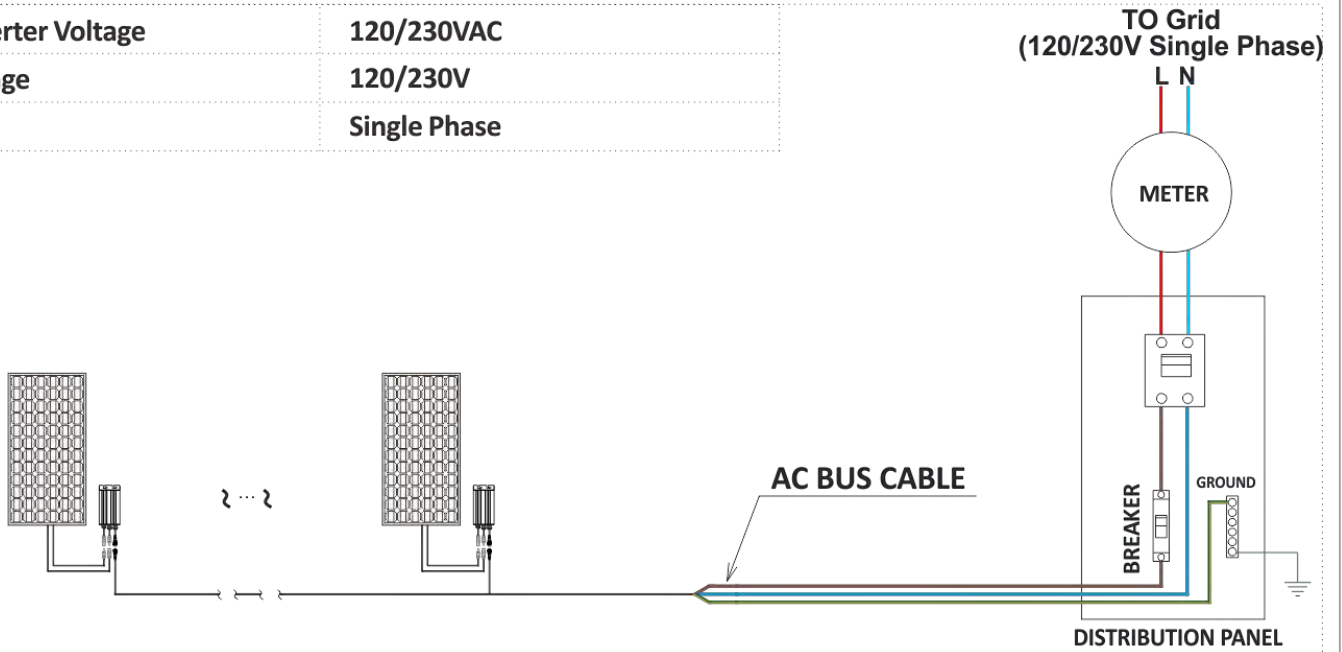
# Installation Schematic



# Wiring Schematic

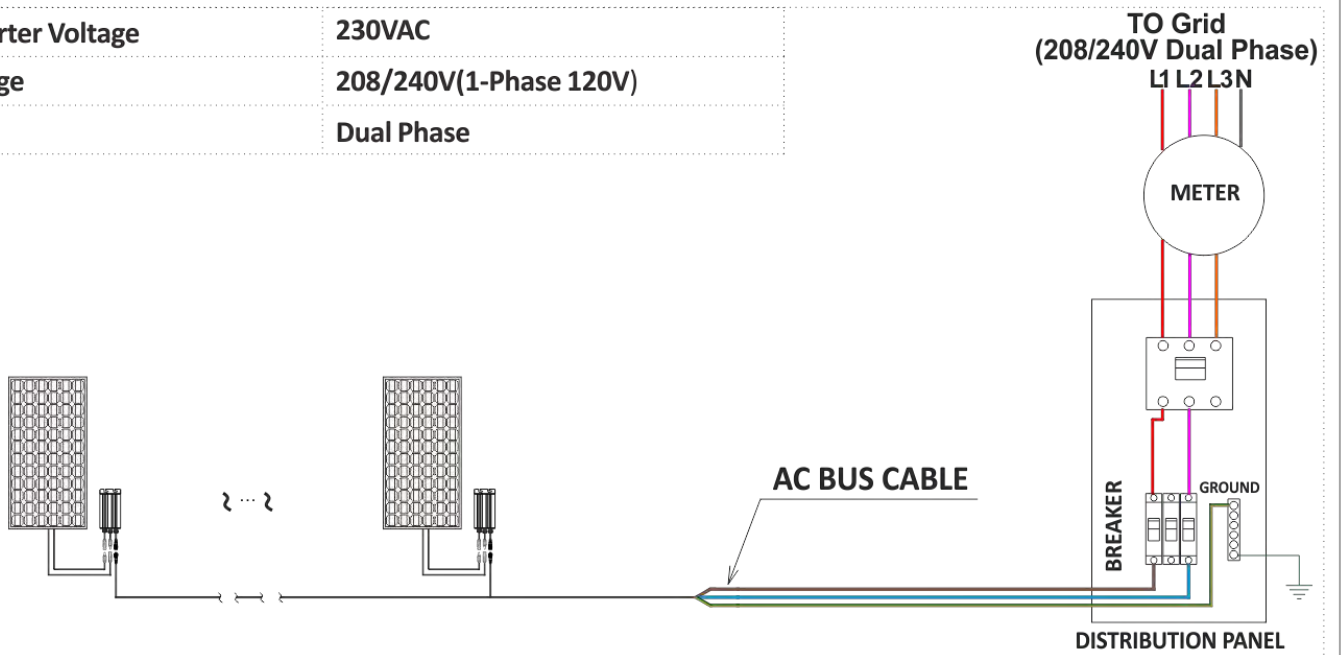
## GMI260-350 Series-120/230VAC @ Single Phase 120/230V

Micro Inverter Voltage	120/230VAC
Grid Voltage	120/230V
Grid Type	Single Phase



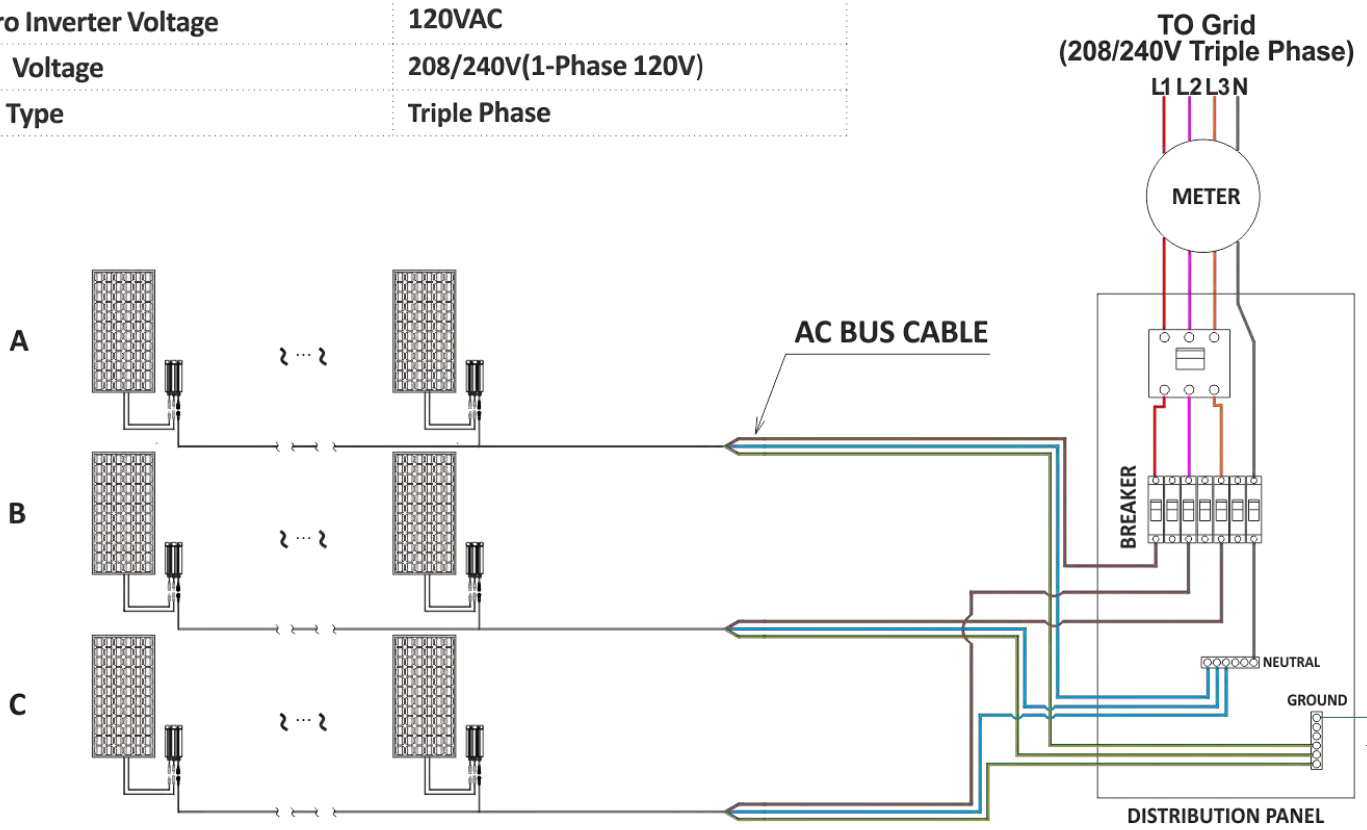
## GMI260-350 Series-230VAC @ 2-Phase 208/240V

Micro Inverter Voltage	230VAC
Grid Voltage	208/240V(1-Phase 120V)
Grid Type	Dual Phase



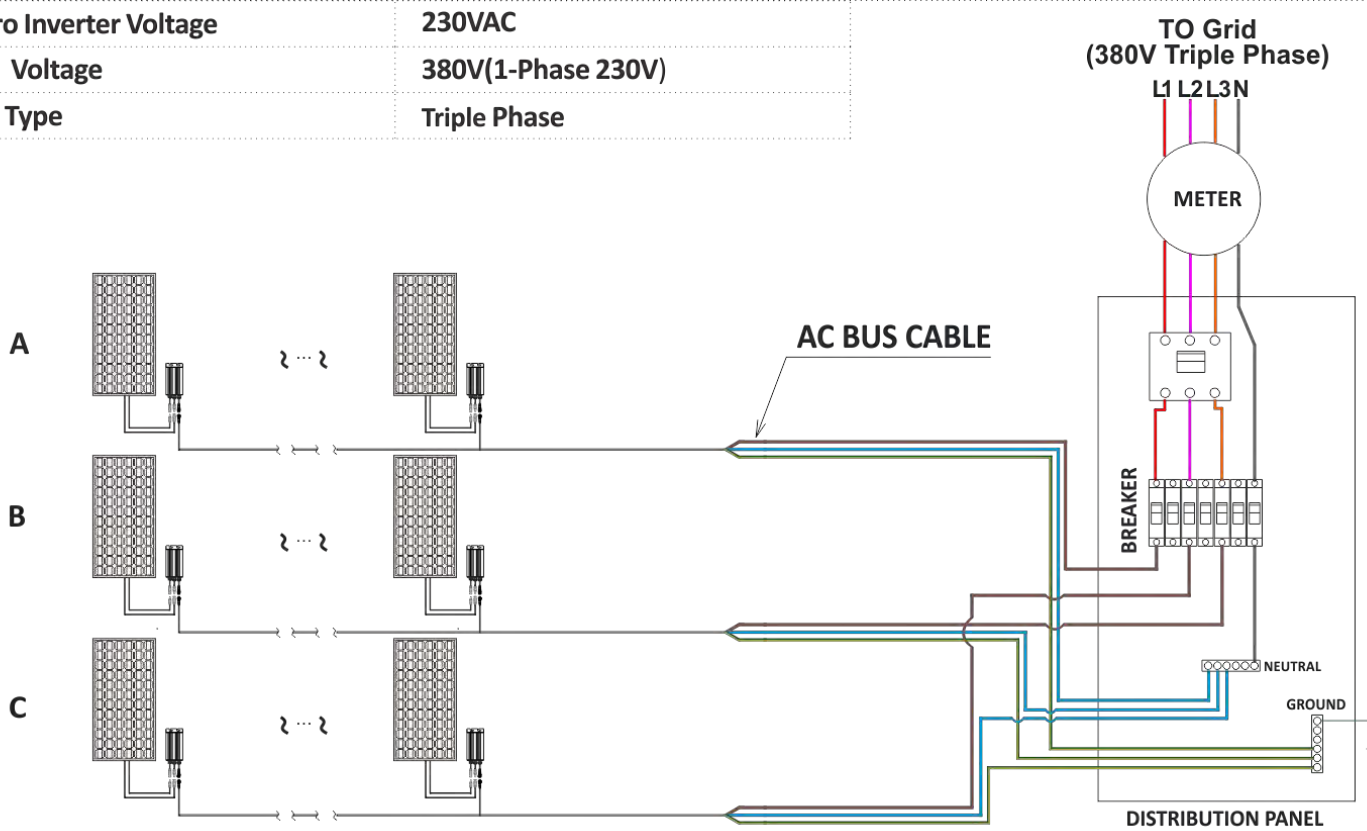
### GMI260-350 Series-120VAC @ 3-Phase 208/240V

Micro Inverter Voltage	120VAC
Grid Voltage	208/240V(1-Phase 120V)
Grid Type	Triple Phase



### GMI260-350 Series-230VAC @ 3-Phase 380V

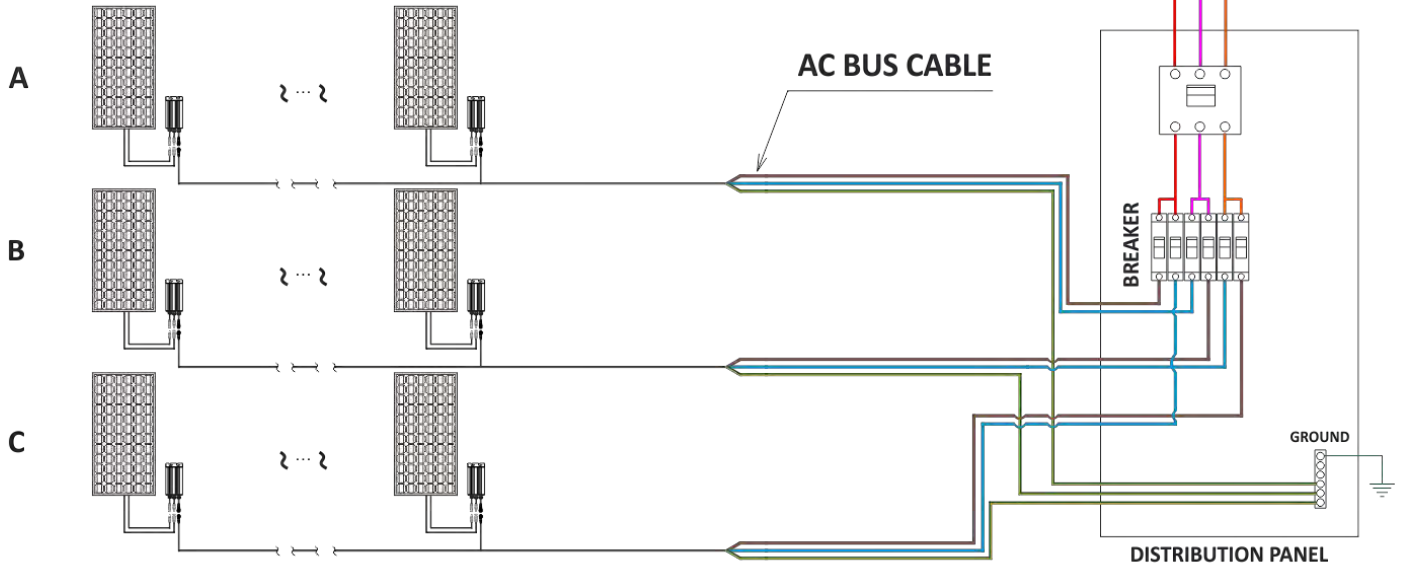
Micro Inverter Voltage	230VAC
Grid Voltage	380V(1-Phase 230V)
Grid Type	Triple Phase



# GMI260-350 Series-230VAC @ 3-Phase 208/240V

Micro Inverter Voltage	230VAC
Grid Voltage	208/240V(1-Phase 120V)
Grid Type	Triple Phase

TO Grid  
(208/240V Triple Phase)  
L1 L2 L3 N







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# Certificate of Compliance

**Certificate No.** : BSTXD210521239201SC  
**Applicant** : XININGSHUN NEW ENERGY TECHNOLOGY CO., LTD.  
8F, 88 Taishang Road, Dalangshan Town, Dongguan, Guangdong  
523808, China  
**Manufacturer** : XININGSHUN NEW ENERGY TECHNOLOGY CO., LTD.  
8F, 88 Taishang Road, Dalangshan Town, Dongguan, Guangdong  
523808, China  
**Product Name** : GRID TIE MICRO POWER INVERTER  
**Trade Name** : NewEnergyTek  
**Main Test Model** : GMI700  
**Additional Model** : GMI120, GMI150, GMI180, GMI260, GMI300, GMI350,  
GMI500, GMI600  
**Test Standard** : EN 62368-1:2014+A11:2017  
**As shown in the  
Test Report No.** : BSTXD210521239201SR

The EUT described above has been tested by us with the listed standards and found in compliance with the council LVD directive 2014/35/EU. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production



**Christina Deng**  
Manager  
May.14, 2021

BST Testing (Shenzhen) Co., Ltd.

Add: No.7, New Era Industrial Zone, Guantian, Bao'an District, Shenzhen, Guangdong, China :

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#1-40 Tianfeng Road, Dalangshan Town, Dongguan, Guangdong  
523508, China  
**Manufacturer** : SHENZHEN NEW ENERGY TECHNOLOGY CO., LTD.  
#1-40 Tianfeng Road, Dalangshan Town, Dongguan, Guangdong  
523508, China  
**Product Name** : GRID TIE MICRO POWER INVERTER  
**Trade Name** : NewEnergyTek  
**Main Test Model** : GMI700  
**Additional Model** : GMI120, GMI150, GMI180, GMI260, GMI300, GMI350,  
GMI500, GMI600  
**Test Standard** : EN 55032:2015+A11:2020  
EN IEC61000-3-2:2019  
EN 61000-3-3:2013+A1:2019  
EN 55035:2017+A11:2020  
**As shown in the  
Test Report No.** : BSTXD210521239201ER

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