

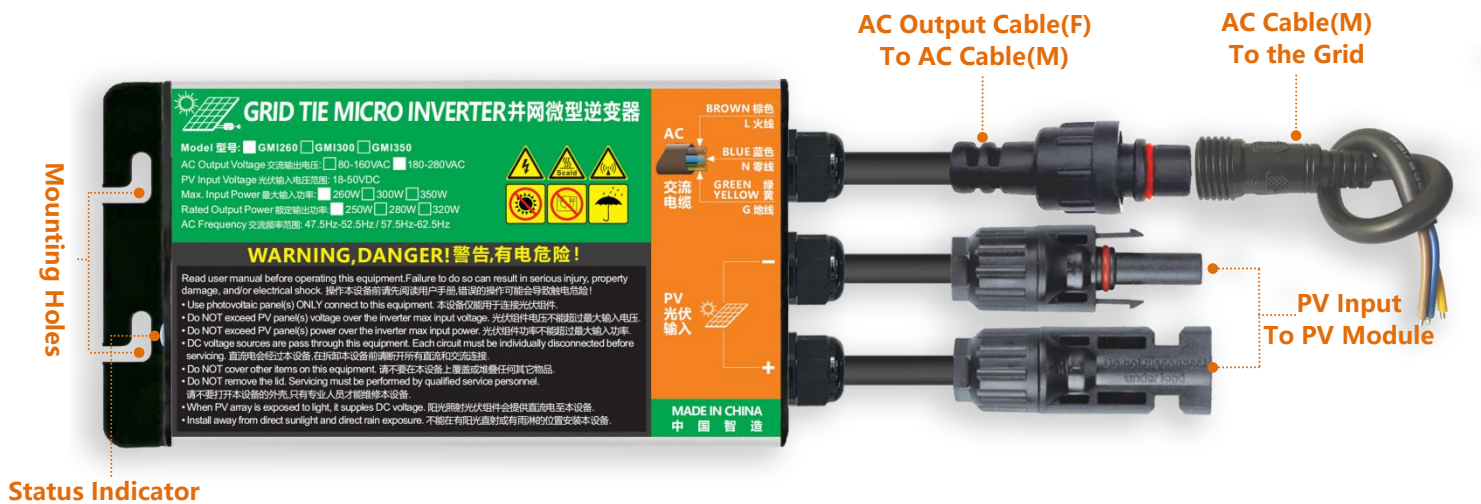
GMI Series

PV Grid Tie Microinverter

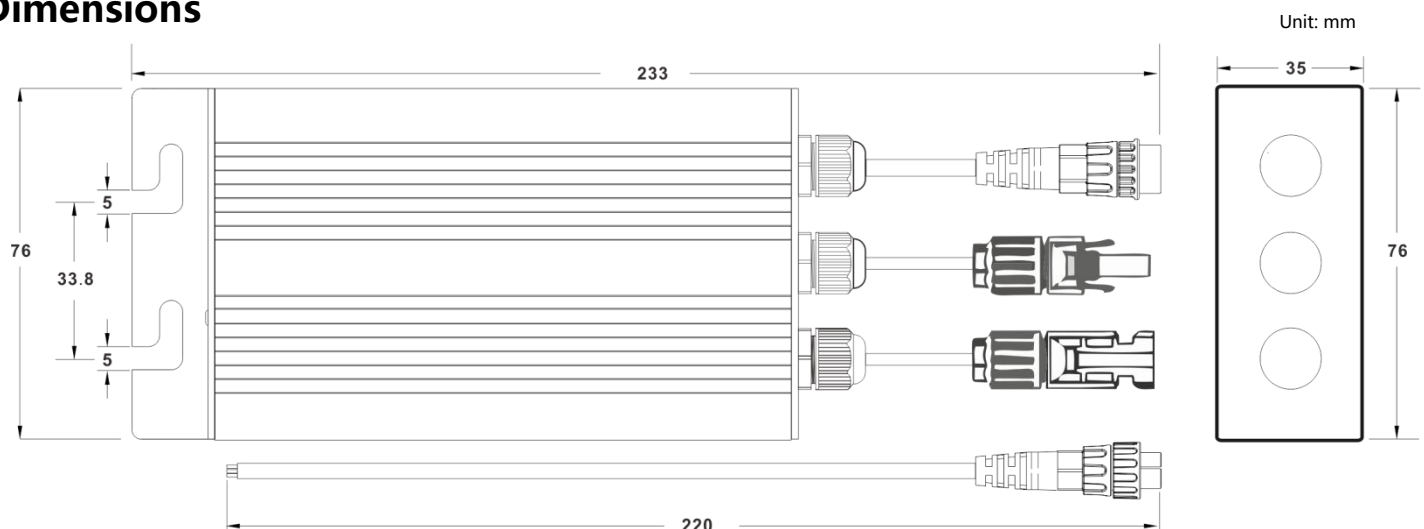
GMI Series

- 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

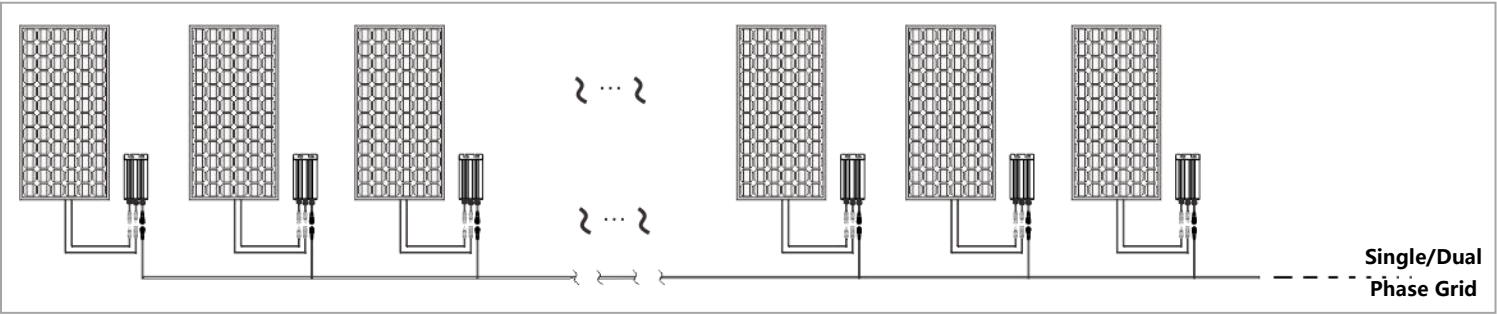


GMI Series PV Grid Tie Microinverter - Parameter Table

Product Series	GMI Series		
Model	GMI260	GMI300	GMI350
Input Data(DC,PV)			
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
Output Data(AC)			
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%		
Efficiency			
Peak Efficiency	92.5%		
CEC Weighted Efficiency	@120VAC : 90.5% / @230VAC : 91.5%		
Nominal MPPT Efficiency	99.9%		
Night Power Consumption	<700mW		
Mechanical Data			
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		
Other Features			
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****

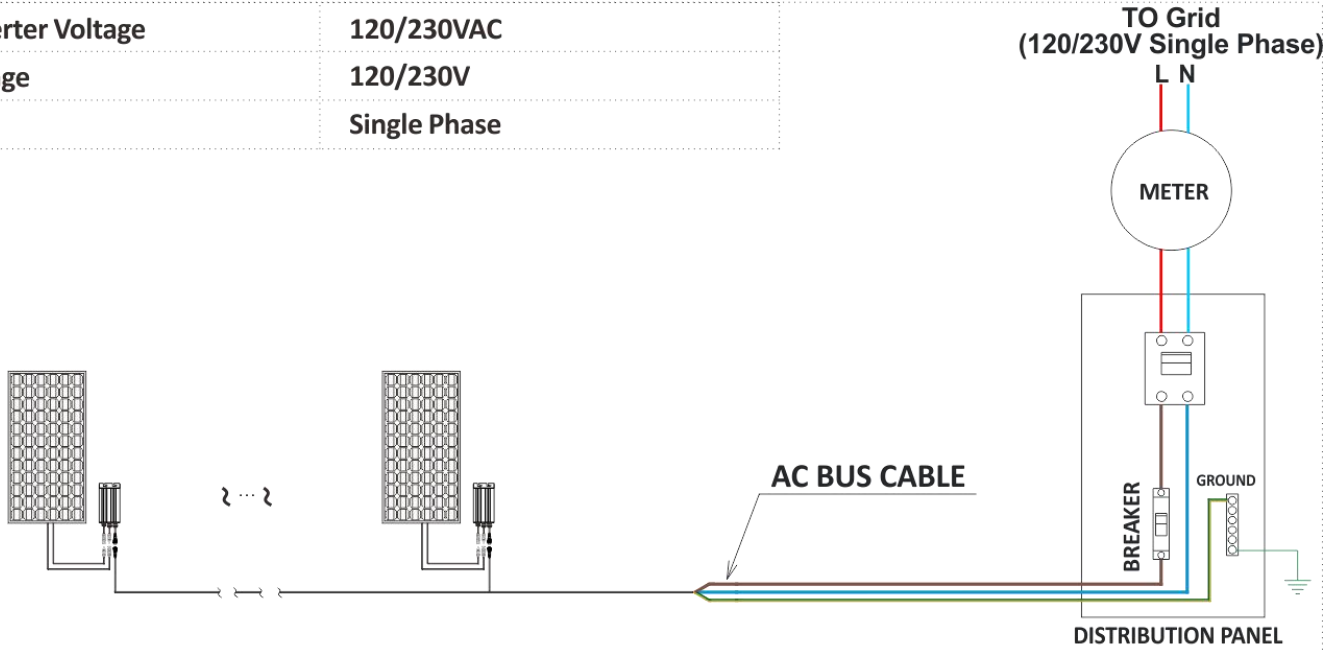
Installation Schematic



Wiring Schematic

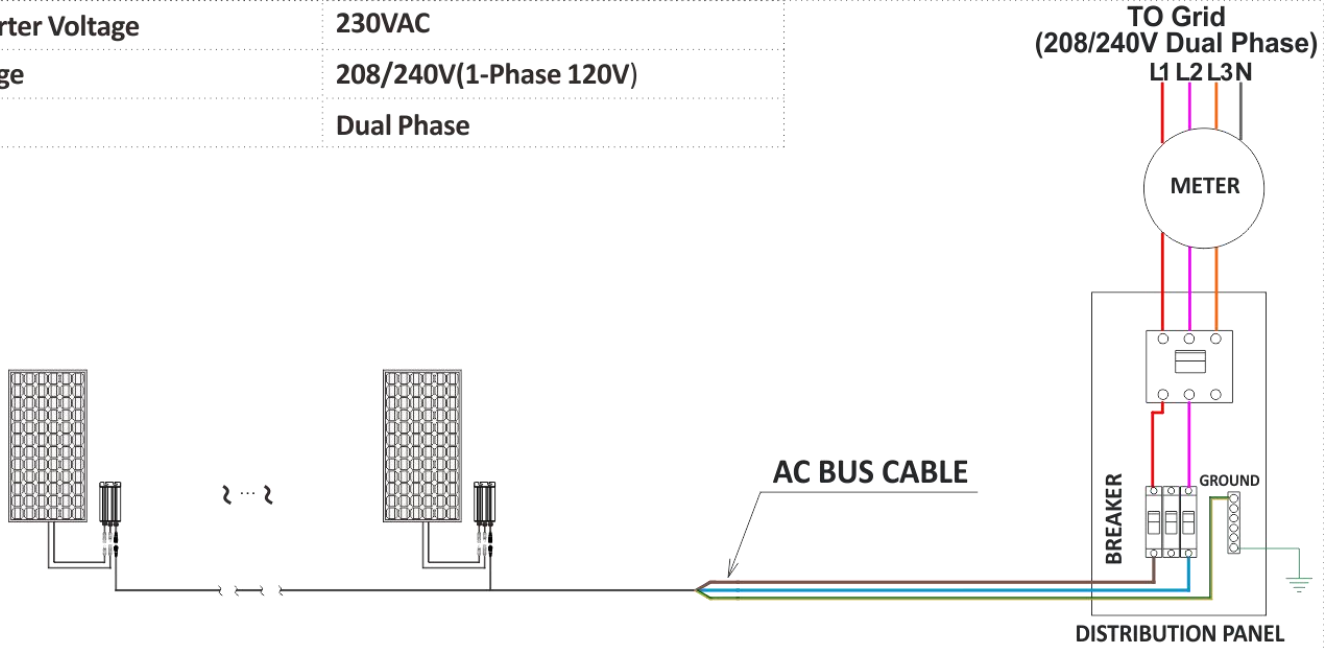
GMI Series-120/230VAC @ Single Phase 120/230V

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

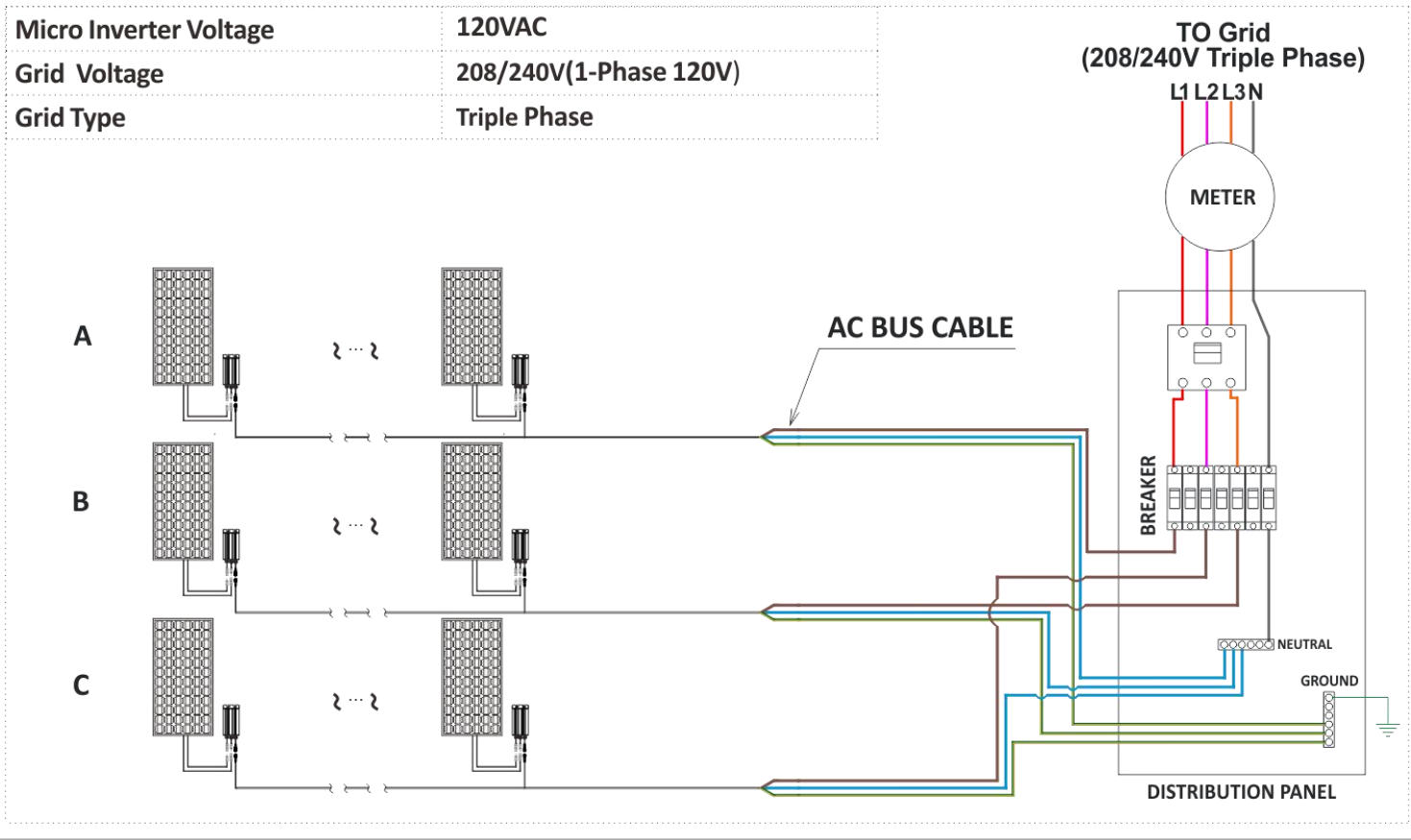


GMI Series-230VAC @ 2-Phase 208/240V

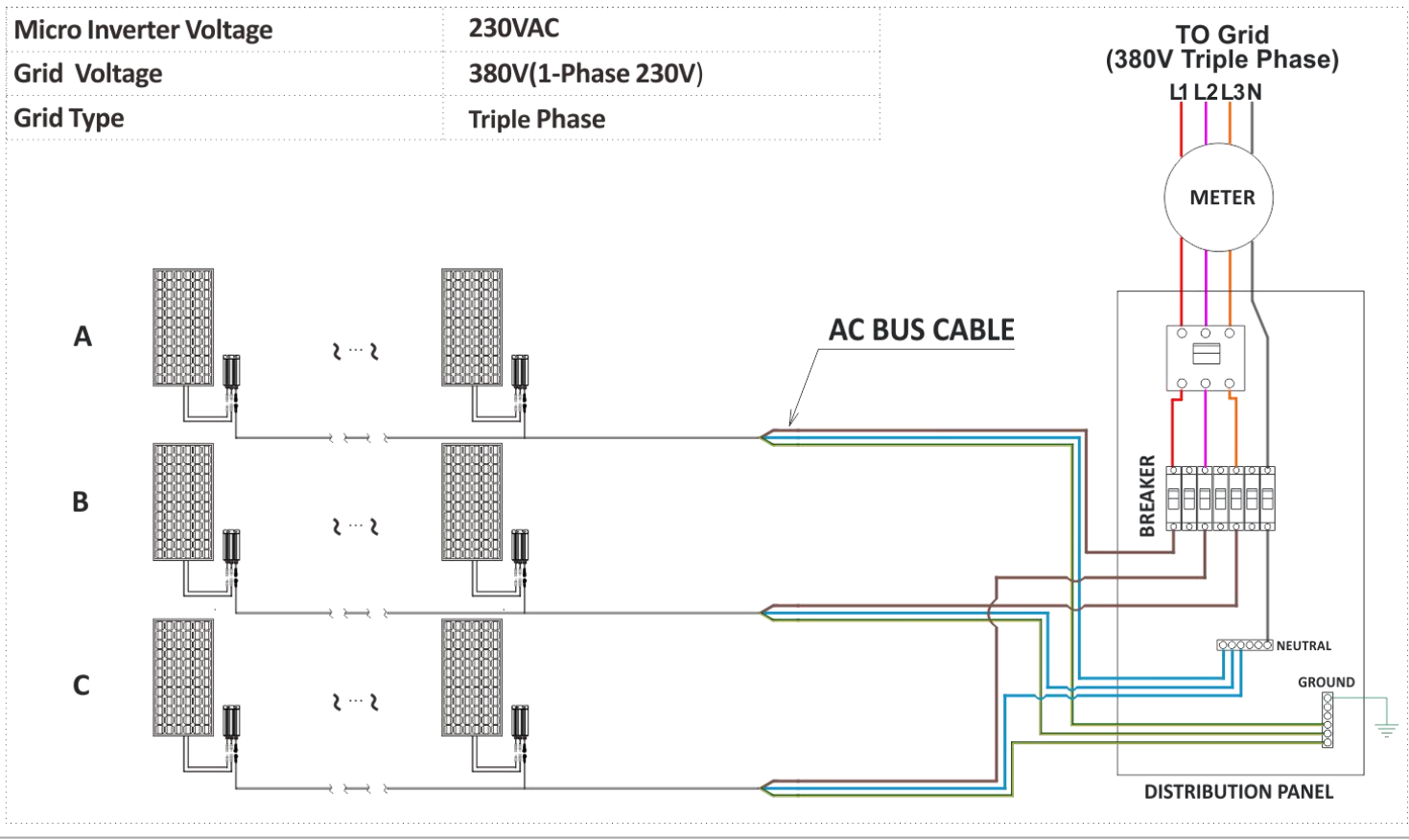
Micro Inverter Voltage	230VAC
Grid Voltage	208/240V(1-Phase 120V)
Grid Type	Dual Phase



GMI Series-120VAC @ 3-Phase 208/240V



GMI Series-230VAC @ 3-Phase 380V



GMI Series-230VAC @ 3-Phase 208/240V

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

