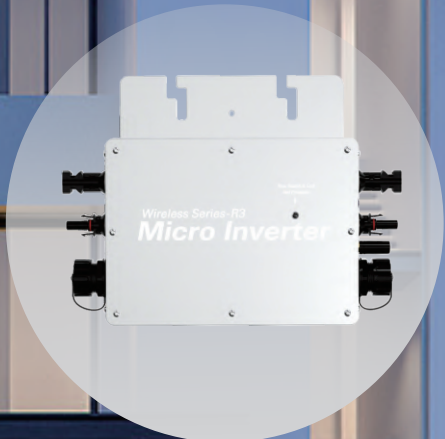


# Micro Inverter Series 600/800/1200W



### Flexible

Low cost, easy installation, simplified user maintenance, fully digital control



### Safe

Full isolation of input and output, reverse power transmission, high performance automatic power point tracking



### IP65 Rated

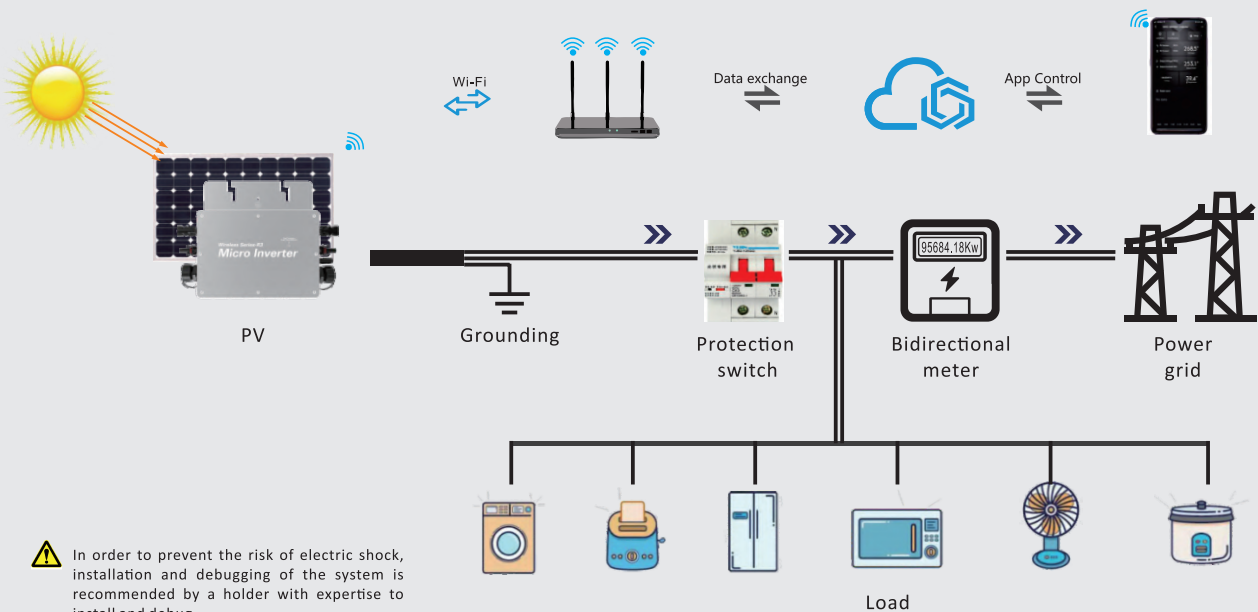
Engineered to last with maximum flexibility. Suitable for outdoor installation



### Warranty

Five-year warranty, lifetime service

## Product application diagram



**⚠** In order to prevent the risk of electric shock, installation and debugging of the system is recommended by a holder with expertise to install and debug.

Technical Specification	MI-600	MI-800	MI-1200
<b>PV INPUT</b>			
Recommended PV Module Power (STC) Range	255Wp-550Wp+	300Wp-620Wp+	330Wp-660Wp+
Peak Power Tracking Voltage	30V-60V		
Operating Voltage Range	22V-60V		
Maximum Input Voltage	60V		
Maximum Input Current	14A x 2	18A x 2	12A x 4
Isc PV	16A x 2	20A x 2	14A x 4
<b>AC Output</b>			
Maximum Continuous Output Power	600VA	800VA	1200VA
Nominal Output Voltage	230V/180V-265V		
Nominal Output Current	2.6A	3.5A	5.22A
Nominal Output Frequency	50Hz/48Hz-51Hz		
Power Factor(Default/Adjustable)	0.99/0.8 leading...0.8 lagging		
<b>Efficiency</b>			
Peak Efficiency	92.7%		
Nominal MPPT Efficiency	99.8%		
Night Power Consumption	<50mW		
<b>Mechanical</b>			
Operating Ambient Temperature Range	-20 °C to + 50 °C		
Storage Temperature Range	-20 °C to + 50 °C		
Dimensions (W x H x D)	283*200*41.6	283*200*41.6	370*300*41.6
Weight	1.46kg	1.46kg	3.0kg
AC Bus Cable	4mm <sup>2</sup> (23A)		
DC Connector Type	Staubli MC4 PV-ADBP4-S2 ADSP4-S2		
Cooling	Natural Convection - No Fans		
Enclosure Environmental Rating	IP65		
<b>Features</b>			
Communication (Inverter To ECU)	WiFi		
Isolation Design	High Frequency Transformers, Galvanically Isolated		
Energy Management	Energy Management Analysis (EMA) system		
Warranty	5 Years Standard ; 10 Years Optional		
<b>Compliances</b>			
Safety, EMC & Grid Compliances	EN 50549-1:2019, EN 50549-2:2019 EN 61000-6-1:2007, EN 61000-6-3:2007 + A1:2011 + AC2012 IEC/EN 62109-1:2010, IEC/EN 62109-2:2011		