

GOODWE

MIS Series

800/799W | 2-in-1 Microinverter

GoodWe's new 2-in-1 Microinverter is designed for both balcony and rooftop solar systems, combining a compact design with powerful performance. It maximizes energy yield through dual MPPT and broad module compatibility. With plug & play installation and advanced Wi-Fi Mesh networking, it delivers a seamless and efficient energy conversion solution - making clean energy more accessible for everyday use.



Friendly & Thoughtful Design

- 2-in-1 design for multi-angle rooftop
- Plug & play design for hassle-free setup



Optimal Performance

- Dual MPPT with 18A input
- Strong module adaptability
- 15V low start-up voltage



Superb Safety & Reliability

- Rapid shutdown function for emergencies
- Rapid discharge to safe level within 100ms
- IP67 ingress protection



Smart Control & Monitoring

- Built-in Wi-Fi & Bluetooth for reliable connectivity
- Effortless parallel with Wi-Fi Mesh self-organizing network
- Smart module-level monitoring via SEMS + App

Technical Data		GW0.8K-MIS-G10	GW0.799K-MIS-G10
Input			
Commonly Used Module Power (W)		200 ~ 600+	
Max. Input Voltage (V)		60	
MPPT Operating Voltage Range (V)		13 ~ 60	
Peak Power Tracking Voltage Range (V)		32 ~ 48	
Start-up Voltage (V)		15	
Max. Input Current (A)		2 × 18	
Max. Input Short Circuit Current (A)		2 × 20	
Number of MPP Trackers		2	
Number of Inputs per MPPT		1	
Output			
Max. Continuous Output Power (VA)		800	799
Nominal Output Voltage (V)		L / N / PE, 220 / 230 / 240	
Output Voltage Range (V) ^{*1}		176 ~ 264	
Nominal Output Frequency (Hz)		50 / 60	
AC Grid Frequency Range (Hz) ^{*1}		45~55 / 55~65	
Max. Continuous Output Current (A)		3.5@220V 3.4@230V 3.3@240V	
Power Factor		~1 (Adjustable from 0.8 leading to 0.8 lagging)	
Max. Total Harmonic Distortion		<3%	
Efficiency			
Max. Efficiency		96.4%	
Nominal MPPT Efficiency		99.8%	
General Data			
Operating Temperature Range (°C) ^{*2}		-40 ~ +65	
Derating Temperature (°C)		45	
Storage Temperature (°C)		-40 ~ +85	
Cooling Method		Natural Convection	
Weight (kg)		3.4	
Dimension (W × H × D mm)		256 × 287 × 34.5 (with handle and PV connector)	
Ingress Protection Rating		IP67	
DC Connector		Staubli MC4	
Features			
Communication		Built-in Wi-Fi and Bluetooth	
Topology		Galvanically Isolated HF Transformer	
Monitoring		SEMS+	
Protection		PV Insulation Resistance Detection, PV Reverse Polarity Protection, Anti-islanding Protection, AC Overcurrent Protection, AC Short Circuit Protection, AC Overvoltage Protection, Type III AC Surge Arrester, Fast AC Discharge	
Warranty		12 Years Standard 25 Years Optional	
Compliance		IEC 62109, VDE 4105:2018, ETSI / EN 303645, EN 18031, IEC 61000, EN 300328, EN 301489, EN IEC 62311, IEC 62920, EN 62479	IEC 62109, EN 50549-1:2019 + EN 50549-10, C10 / 11: 2019, ETSI / EN 303645, EN 18031, IEC 61000, EN 300328, EN 301489, EN IEC 62311, IEC 62920, EN 62479

*1: Nominal voltage / frequency range can be extended beyond nominal if required by the utility.

*2: The inverter may enter to power de-grade mode under poor ventilation and heat dissipation installation environment.

*: Please visit GoodWe website for the latest certificates.

*: All pictures shown are for reference only. Actual appearance may vary.