

Optimized performance on PV-module level

- ✓ Plug-and-play design, easy and simple installation
- ✓ Wide MPPT range (13-60V) compatible with smaller modules
- ✓ Modern aesthetics with no visible screws or glue marks
- ✓ Dual MPPT (18A input), supports for larger modules

The GoodWe MIS Series micro-inverter is designed for versatile residential solar applications, including balconies, rooftops, and other small-scale installations. With dual MPPTs supporting up to 18A input and a wide 13 – 60V operating range, it offers strong adaptability for both compact low-power panels and larger high - current photovoltaic modules. Built-in Wi-Fi and Bluetooth, combined with advanced Wi-Fi Mesh technology, provide reliable communication for up to 25 devices without requiring a gateway, making system setup simpler and more cost-effective. Intelligent operation and maintenance features such as remote firmware upgrades, component-level monitoring, and SEMS+ platform integration ensure efficient and transparent system management. Thanks to its plug-and-play design and low-voltage architecture (maximum 60V DC, startup at just 15V), the MIS Series enhances both safety and usability. It delivers continuous energy generation from sunrise to sunset while offering robust protection against environmental and electrical challenges.



-  Reliable system-level solution (no single point of failure)
-  Low start-up voltage (15V)
-  IP67 ingress protection

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	
Maximum Power Point Tracking (MPPT) 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.