GOODWE



SMART METER

GoodWe's Smart Meter is designed with high-precision small-scale dimensions, and convenient operation and installation. It is available for both single-phase and three-phase grid system connection to detect voltage, current, power and energy, and for working with inverters including SEMS systems for the purpose of energy management.

- Modular Design
- Precise Data Collection
- Easy Installation
- CTs included

Model			GM1000	GM1000D	GM3000
Input	Grid		Single-phase	Single-phase	Three-phase
	Voltage	Nominal Voltage-Line to N (Vac)	110 / 230	110 / 230	230
		Nominal Voltage-Line to Line (Vac)	-	-	400
		Voltage Range	0.88Un-1.1Un		
		Nominal AC Grid Frequency (Hz)	50 / 60		
	Current	Current Transformer Ratio	120A:40mA		
		Number of Current Transformers	1	2	3
Communication			RS485		
Communication Distance (m)			1000		
User interface			3 LED, Reset button		
Accuracy	Voltage / Current		Class 1		
	Active Energy		Class 1		
	Reactive Energy		Class 2		
Power Consumption (W)			<3		
Machanical	Dimensions (W × H × D mm)		36 × 85 × 66.5		
	Housing		2 modules		
	Weight (g)		250	360	450
	Mounting		Din rail		
Environment	Ingress Protection Rating		IP20		
	Operating Temperature Range (°C)		-25 ~ +60		
	Storage Temperature Range (°C)		-30 ~ +70		
	Relative Humidity (non-condensing)		0 ~ 95%		
	Max. Operating Altitude (m)		2000		

*: Please visit GoodWe website for the latest certificates.

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Smart Meter

GoodWe's single-phase Smart Meter is an energy meter designed for real-time power monitoring, enabling load tracking and export power management. When combined with GoodWe's SEMS monitoring platform, it provides comprehensive insights into residential energy usage. Its compact and high-precision design simplifies installation and operation, offering accurate data and seamless compatibility with residential energy solutions.



- Plug and play installation
- Working altitude up to 3km
- Accuracy Class 1.0
- CTs included

Model			GMK110	GMK110D
Input	Grid		Single-phase	
	Voltage	Nominal Voltage-Line to N (Vac)	230	
		Voltage Range (Vac)	85 ~ 288	
		Nominal AC Grid Frequency (Hz)	50 / 60	
	Current	Current Transformer Ratio	120A: 40mA	
		Number of Current Transformers	1	2
Communication			RS485	
Communication Distance (m)			1000	
User interface			2 LED	
Accuracy	Voltage / Current		Class 1	
	Active Energy		Class 1	
	Reactive Energy		Class 2	
Power Consumption (W)			≤5	
Structural Parameters	Dimensions (W × H × D mm)		19 × 85 × 67	
	Weight (g)		50	
	Mounting		DIN rail	
Environment Parameters	Ingress Protection Rating		IP20	
	Operating Temperature Range (°C)		-30 ~ +60	
	Storage Temperature Range (°C)		-30 ~ +70	
	Relative Humidity (non-condensing)		0% ~ 95%	
	Max. Operating Altitude (m)		3000	

*: Please visit GoodWe website for the latest certificates.
*: All pictures shown are for reference only. Actual appearance may vary.

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