

Three-phase Homekit

GoodWe HK3000 is a solution designed to monitor load energy consumption in real time, 24 hours a day. Based on best design principles, the HK3000 is tailored to homeowners' needs and only requires an internet connection. It consists of a smart meter and a Wi-Fi/LAN communication module. An additional advantage of GoodWe HK3000 is that it can be applied to grid-connected systems with Goodwe inverters or even systems without PV and it is a key component in keeping load consumption records: With 60-second update frequency, data is transmitted and stored on the cloud. End users benefit from a better understanding of their electricity consumption and the source from which it is generated. Moreover, if used together with a GoodWe inverter, HK3000 can limit the power exported to the grid.



24/7 Real-time Consumption Monitoring



Export Power Control



Three CTs Design – Super Accurate Measurement



Cloud data transmission

MODEL

HK3000

Application	Household Loads Monitoring+ARCB	
Voltage	Rated Voltage	3*230V / 400V
	Voltage Range	AC 100V ~ 240V
	Frequency	50Hz / 60Hz
Current Input	Nominal Current	CT in: 120A / 40mA, 200A / 66.7mA
	Current Range	0.48A ~ 120A / 200A
Self-Consumption	<5W	
Communication	100M Ethernet	
	WiFi	
Interface	3 LEDs (Power, Energy Consumption, Communication), Reset Button	
Operating Temperature	-25 ~ +60°C	
Storage Temperature	-30 ~ +70°C	
Operating Humidity	<95%; No Condensation	
Altitude	<2000m	



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



Convenient Operation

Model		GM1000	GM1000D	GM3000	
Input	Grid	Single phase	Single phase	Three phase	
	Voltage	Nominal Voltage (Vac)	110 / 230	110 / 230	230 / 400
		Voltage Range (V)	100 ~ 240		
		Nominal AC Grid Frequency (Hz)	50 / 60		
Current	CT In(A)	1CT: 120	2CTs: 120	3CTs:120	
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			
Structural Parameters	Dimensions (W × H × D mm)	36 × 85 × 66.5			
	Housing	2 modules			
	Weight (g)	270	360	450	
	Mounting	DIN rail			
Environment Parameters	Ingress Protection Rating	IP20			
	Operating Temperature Range (°C)	-25 ~ +60			
	Storage Temperature Range (°C)	-25 ~ +60			
	Relative Humidity (non-condensing)	<95%			
Max. Operating Altitude (m)		2000			

*: Please visit GoodWe website for the latest certificates.