

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	
Input	Grid	Three-phase	
	Voltage	Nominal Voltage-Line to N (Vac)	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	200A:66.7mA / 120A:40mA
Number of Current Transformers		3	
Communication		RS485 or WLAN	
Communication Distance (m)		RS485:1000, LAN:100, WiFi:10	
Wireless Parameter	Supported Standards & Frequencies	802.11b / g / n (2.412G-2.472G)	
User interface		3 LED, Reset button	
Accuracy	Voltage / Current	Class 1	
	Active Energy	Class 1	
	Reactive Energy	Class 2	
Power Consumption (W)		<3	
Mechanical	Dimensions (W × H × D mm)	72 × 85 × 66.5	
	Housing	4 modules	
	Weight (g)	500	
	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.