

Smart Meter

GoodWe's Smart Meter GMK140 has been designed to calculate PV system electricity consumption and demand with high accuracy of 0.5% Class. With superb accuracy and compatibility, the Smart Meter provides the perfect complement to GoodWe's residential solutions.



CTs included



Export power limit & load monitoring



Perfect compatibility with ES-US, SBP-US, and MS-US



Compatible with single-phase and split-phase grid types

Model	GMK140
Measuring range	
Support Grid Type	1P2W / 1P3W
Operating Voltage (Vac)	105 ~ 264
Frequency (Hz)	50 / 60
Current Transformer Ratio	200A: 50mA
Number of Current Transformers	4
Accuracy	
Voltage / Current	Class 0.5
Active Energy	Class 0.5
Reactive Energy	Class 1
Communication	
Communication Method	RS485
Communication Distance (m / ft)	1000 / 3280
General	
Dimensions (W x H x D mm / in)	72 x 85 x 72 / 2.83 x 3.35 x 2.83
Housing	4 modules
Weight (g / lb)	240 / 0.53
Mounting	DIN rail
User Interface	4 LED, Reset button
Power Consumption (W)	≤5
Environment	
Ingress Protection Rating	IP20
Operating Temperature Range (°C / °F)	-30 ~ +70 / -22 ~ +158
Storage Temperature Range (°C / °F)	-30 ~ +70 / -22 ~ +158
Relative Humidity (non-condensing)	0 ~ 95%
Max. Operating Altitude (m / ft)	3000 / 9842
Certification	
Certification	UL1741 / ANSI

*: Please visit GoodWe website for the latest certificates.