

# 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
<b>Measuring range</b>	
Support Grid Type	Single-phase Split-phase
Line to N Voltage Range (Vac)	90 ~ 264
Nominal AC Grid Frequency (Hz)	50 / 60
Current Transformer Ratio	200A: 50mA
Number of Current Transformers	4
<b>Accuracy</b>	
Voltage / Current	Class 0.5
Active Energy	Class 0.5
Reactive Energy	Class 1
<b>Communication</b>	
Communication Method	RS485
Communication Distance (m / ft)	1000 / 3280
<b>General</b>	
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
<b>Environment</b>	
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
<b>Certification</b>	
Certification	UL1741 / ANSI

\*: Please visit GoodWe website for the latest certificates.