



Connect your AC coupled inverters together with the EMS to give you greater capacity output and balanced battery output.

The EMS will connect to up to three AC coupled inverters and battery systems and manage them automatically. It will output the data in a simplified data stream so you can see how much total battery capacity is still available to use.



**Globally recognised branded componentry**

End-to-end ownership of our manufacturing ensures unparalleled performance capability.



**Remote update and control**

Manage and monitor your home energy with the GivEnergy cloud portal and mobile app. Plus, over-the-air firmware updates keep your tech running smoothly



**In-built WiFi and LAN**

Includes in-built WiFi and LAN for a hard-wired network connection



**1 year warranty**

Supplied with a full manufacturer's warranty. Our UK team are on hand to help you should any issues arise

# Giv EMS

## V1 Residential

### GENERAL DATA

Dimensions (HxDxW)	115x43x165 (mm)
Weight	1Kg
Operating Voltage	5VDC (± 10%)
Max. Inverter Connections	3
Max. Meter Connections	6
Protection class	IP20
Operating Temperature	-20°C - 60°C
Relative Humidity	5~95% non-condensing
Working Altitude	< 3000m
Self-Consumption	<10W
SKU	GIV-EMS-V1

### FEATURES

General	Data Acquisition Energy Scheduling Energy Management
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### INTERFACE

Communication	RS485 Meter - Meter: RS485 Portal - WiFi or LAN
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### CERTIFICATES AND APPROVALS

UKCA, CE, G100

### WIFI STANDARDS AND PROTOCOLS

IEEE 802.11b/g/n, WPA-PSK, WPA2\_PSK, WEP, TKIP or AES