

## Dongles

We have 2 types of communication dongle for our inverters and power diverter:

**Wi-Fi** – These connect to the home Wi-Fi network to allow the devices to have internet access and communicate with one another. These form part of the standard package with our products. They also enable over the air firmware updates.

**4G** – These use a mobile network for when Wi-Fi dongles may not be suitable. They are particularly useful for social housing providers so that they do not need to rely on the occupants Wi-Fi network. They have a small sim card inside, and the data is topped up either yearly or every 5 years depending on the package you choose.

- Flexible monitoring through GivEnergy App, or web portal
- Built in flash memory
- IP65



## 4G Module

Port Type	USB
SIM Card Type	Micro
Frequency Range	GSM 900 - 1800MHz
Antenna Gain	3.0dBi
Operation Voltage	5V
Operation Current	400 mA
Instantaneous Max. Power	<2W
Statics Power	<1W

## Wi-Fi

Wireless Type	802.11b/g/n
Frequency Range	2.412GHz~2.484GHz
Antenna Gain	2.5dBi
WLAN Default IP	192.168.10.100
Default Server URL	Server.GivEnergy.Cloud

## Security

Security Mechanism	WEP/WPA-PSK/WPA2-PSK/WAPI
Encryption	WEP64/WEP128/AES/TKIP

## General Data

Max. Communication Distance	50m (Cross One Wall)
Dimension (W/H/D)mm	79/135/29
Weight	63G
Operation Temperature	-25°C ~ +55°C
Certification	FCC/CE
Warranty	5 Year