

iFive

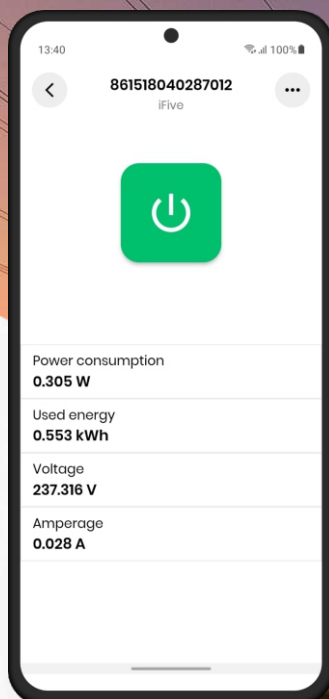
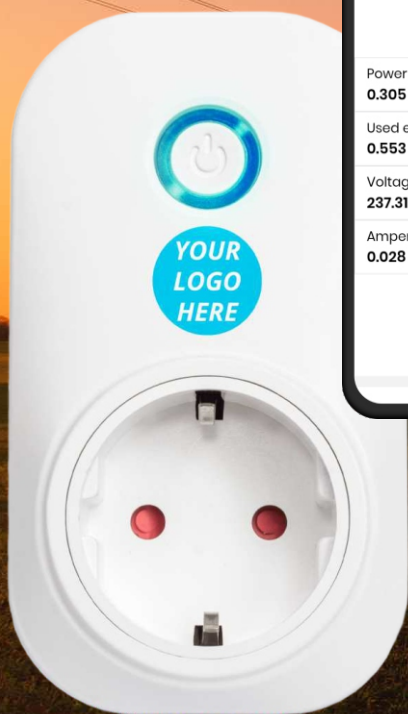


The first 5G LPWA smartplug

No Internet connectivity at your Vacation house or remote location?
Having issues and concerns with your Wi-Fi connection?

Let's connect and take a control over your properties in a simple and smart way.

Reliable and secure connectivity over Cat-M & NB-IoT mobile network.



- Device control via mobile app or web portal
- ON-OFF load control with built-in 16 A relay
- 1% accuracy real-time power consumption measurement
- Real-time power outage notifications
- 1° accuracy real-time ambient temperature measurement
- Simple provisioning - just plug'n'play



Remote control

Offer your customers simple remote control of their loads and consumers.

Smart Thermostat

Take care about your ambient temperature remotely - autonomous heating or cooling.

Flexibility

Take advantage of consumption flexibility by controlling a large number of major electricity consumers.

Schedules

Set your device's load on-off schedules as you wish.

Catch the devour

Wondering which devices consume the most power?

Integration

Easy integration into already existing eco-system (White-label).

Technical information

iFive 5G LPWA Smartplug



AMBIENT CONDITIONS

temperature range:
-40 ~ +80° C, RH<80%
IP protection class: IP42



COMMUNICATION TECHNOLOGY

cellular, LTE CAT-M & CAT-NB2



COMMUNICATION PROTOCOL

LWM2M, MQTT 3.1.x / 5.0, HTTP



SECURITY

point-to-point, TLS 1.2, DTLS 1.2



LTE FREQUENCY BANDS

B1/B2/B3/B4/B5/B8/B12/B13/B14
/B18/B19/B20/B25/B26/B28/B66/
B70/B71/B85



RF POWER

LTE RF Power Class 5 (max. 20 dBm)



BANDWIDTH

CAT-M: UL 1120 Kbps, DL: 590 Kbps
CAT-NB2: UL 150 Kbps, DL: 136 Kbps



EMBEDDED SIM CARD

- nano SIM (4FF)
- eSIM (MFF2 format)



ANTENNA

integrated



DEVICE PROVISIONING

via QR code for device pairing with
a user account



POWER SUPPLY AND CONSUMPTION

Input voltage : 85 - 265 V AC
typ. power consumption: 100 mW



ON-OFF LOAD CONTROL

remote via app or locally via push button
max. load current: 16 A



POWER CONSUMPTION MEASUREMENT

active power, voltage, current, frequency
measurement accuracy: <1% (class 1
under IEC62053-21)



ALARMS & NOTIFICATIONS

at power outage
at device unplugging



SMART THERMOSTAT FEATURE

automatic heating or cooling
configurable time plans



DIMENSIONS AND MATERIAL

plastic enclosure, ABS UL94V-0
110 x 60 x 70 mm (L x W x D)
weight: 180 g



INSTALLATION

Type F (CEE 7/4)