SMART SOCKET · 4G-LTE

ASSET TRACKER

LTE Cat 1 · 12 A load · Energy metering

An IoT gateway device that feeds power to your equipment, appliance or asset and keeps it online over 4G LTE. It watches AC supply, asset status and energy use, raises alarms, and reports to a cloud-hosted platform for management and monitoring.

PLUG-IN SOCKET

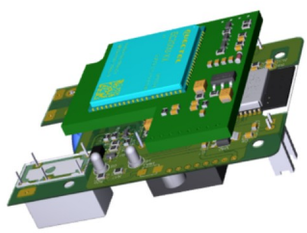


- Power failure status
- Asset status
- Energy consumption status

WALL-MOUNT ENCLOSURE



ELECTRONICS MODULE



4G-LTE	MAX LOAD	MAX POWER	INPUT	BACKUP
Cat 1	**12 A**	**3.5 kW**	**85–264**	**10 min**
FDD + TDD, 3G/2G fallback	Resistive · 8 A inductive	Maximum rated	V AC, 50 Hz	Lithium, for alarms

APPLICATIONS

Commercial · Industrial · Agricultural · Storage · Smart City · Home, office & workplace

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SECTION 02

Technical Specifications

Monitoring, electrical ratings, connectivity, environment and build.

Remote access

Control connected assets wherever a GSM / LTE network is available.

Scheduling

Switch appliances ON / OFF automatically at preset times.

Usage monitoring

Records load status and energy consumption; sends it to the server via MQTT.

01 Monitoring & Alarms

Instant alerts

AC power failure	**Automatic instant alarm / alert**	Energy	**Real-time consumption of connected load**
Asset connected	**Automatic instant alarm / alert**	Control	**Remote ON / OFF and scheduling**
Status LED	**Multicolour RGB for different stages**	Platform	**Cloud-hosted management & monitoring**

02 Electrical

Input voltage	**85 – 264 V AC, 50 Hz**
Maximum load	**12 A resistive / 8 A inductive**
Maximum power	**3.5 kW**
Protections	**Over load, over current, over voltage**
Battery	**Internal lithium**
Backup time	**Up to 10 min, periodic alarms only**

03 Connectivity & Data

LTE Cat 1

Cellular	**FDD & TDD 4G-LTE Cat 1**
Fallback	**3G / 2G**
SIM	**IoT or M2M SIM**
Protocols	**MQTT / HTTP to EMS**
Offline storage	**Events & energy data held when no network**
Firmware	**OTA update via Wi-Fi**

04 Environment & Mechanical

Operating temp.	**–10 °C to +60 °C**	Form factor	**Table top / plug-in socket / wall mount**
Storage temp.	**–20 °C to +70 °C**	Material	**ABS / flame-retardant PC**
Humidity	**5% to 95%**	Environment	**Indoor / outdoor**
Cooling	**Natural air**	Customisation	**Available as per requirement**

Keep every powered asset online and accounted for.

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