RUGGED LTE GATEWAY

Technical Datasheet

The Wallbox Rugged LTE gateway provides Carrier Wireless LTE Internet and myWallbox connectivity to multiple Wallbox WiFi-enabled chargers when no local WiFi network is available. It is robust, and ruggedized, suitable for outdoor and indoor deployments.

- Outdoor installation: IP67
- Omni WiFi antenna
- Powered through Passive Power-over-Ethernet (PoE) (24V)
- Tested solution with Wallbox chargers
- Pole and wall mounted options
- Used with usersupplied 2FF Mini SIM

Power

Power consumption

Input voltage range 9-30 VDC, reverse polarity

protection, surge protection

>33 VDC 10us max

PoE (passive) Passive PoE over spare pairs

(available from HW revision 0007 and batch number 0010). Possibility to power up through LAN port, not compatible with IEEE802.3af, 802.3at and 802.3bt

< 6.5 W Max

Installation

Max number of chargers 8

Max distance router - charger 15 m / 50 ft

General

Mobile module 4G (LTE) - Cat 4 up to 150

Mbps, 3G - Up to 42 Mbps,

2G - Up to 236.8 kbps

Supported frequency 4G (LTE-FDD): B2, B4, B5,

bands B12, B13, B14, B66, B71; 3G:

B2, B4, B5

Wireless mode IEEE

802.11b/g/n(2.4 GHz), Access Point (AP), Station

(STA)

Wireless Approval AT&T Wireless, Verizon and

T-Mobile certified. WI-FI

Certified, FCC.

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Physical Specifications

Casing material ABS and galvanized steel

Connector type 10/100BASE-TX RJ-45

connector supporting auto MDI/ MDI-X and Passive PoE (24V)

input

Dimensions 160x160x240 mm

6.3x6.3x9.45 inch

Weight 1625 g

Mounting options Pole / Mounted on the wall

Operating Enviroment

Operating temperature -40°C to 75°C / -40°F to

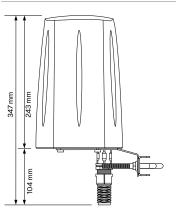
167°F

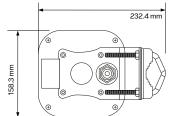
Operating humidity 10 % to 95 % non-

condensing

Ingress protection IP67

Dimensions







V-10 03/2023