

## 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 user-supplied 2FF Mini SIM

## Installation

<b>Max number of chargers</b>	8
<b>Max distance router - charger</b>	15 m / 50 ft

## General

<b>Mobile module</b>	4G (LTE) - Cat 4 up to 150 Mbps, 3G - Up to 42 Mbps, 2G - Up to 236.8 kbps
<b>Supported frequency bands</b>	4G (LTE-FDD): B2, B4, B5, B12, B13, B14, B66, B71; 3G: B2, B4, B5
<b>Wireless mode</b>	Wireless mode IEEE 802.11b/g/n(2.4 GHz), Access Point (AP), Station (STA)
<b>Wireless Approval</b>	AT&T Wireless, Verizon and T-Mobile certified. WI-FI Certified, FCC.

## Power

<b>Input voltage range</b>	9-30 VDC, reverse polarity protection, surge protection >33 VDC 10us max
<b>PoE (passive)</b>	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
<b>Power consumption</b>	< 6.5 W Max

## Physical Specifications

<b>Casing material</b>	ABS and galvanized steel
<b>Connector type</b>	10/100BASE-TX RJ-45 connector supporting auto MDI/MDI-X and Passive PoE (24V) input
<b>Dimensions</b>	160x160x240 mm 6.3x6.3x9.45 inch
<b>Weight</b>	1625 g
<b>Mounting options</b>	Pole / Mounted on the wall

## Operating Environment

<b>Operating temperature</b>	-40°C to 75°C / -40°F to 167°F
<b>Operating humidity</b>	10 % to 95 % non-condensing
<b>Ingress protection</b>	IP67

## Dimensions

