

About the product

The Loxone Wallbox is a charging station enabling dynamic charging from 4.1kW to 22kW for electric vehicles. With the robust Tree interface, the device is fully integrated into the Loxone system, providing complete freedom for energy management.

The pre-installed and MID certified Loxone Energy Meter 3-Phase Tree allows precise measurement of electrical energy and seamless communication with the system.

Optionally, devices such as the NFC Code Touch, Touch Pure Flex, etc., can be directly mounted on the Wallbox for setting the charging mode or executing other smart control functions.

Ambient conditions

Ambient temperature	-20 ... 50°C
Ambient humidity	max. 95% r.H. (non condensing)
Degree of Protection	IP44 (IEC 60529) IK08 (IEC 62262)
Installation	Stationary, surface mount, vertical on wall or charging post
Recommended mounting height	Cable outlet: 132cm Top edge: 165cm
Altitude	max. 2000m

Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

Electrical Data

Supply and Power	AC Input (mains)	24V DC Input
Rated voltage	3x 230/400V, 50Hz	18-24V
Current	3x 32A	max. 120mA
Power consumption	Standby: 0.4W, charging: 3W	Standby: 0.3W, charging: 1.8W
Total power loss	6.9W (while charging with 32A / phase inside the wallbox)	

A 30mA type A RCD must be connected before each wallbox!

Energy Meter 3-Phase Tree (100567)

Measurement Accuracy	MID / Class B EN50470 / Class 1 IEC62053 / Class 0.5 ANSI C12.1
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Charging

Max. charging power	22kW (3 phase 32A) configurable from 4.1kW to 22kW
Charging Mode	Mode 3 (IEC 61851-1)
Residual current detection	Internal, RDC-MD, DC 6mA, (IEC 62955)
Charging cable with plug	Type 2 plug (IEC 62196) 5 meter cable, 5x4mm ² + 1x0.5mm ²

Interfaces

Loxone Tree	connection with Miniserver / Tree Extension
Modbus RTU	max. 1 device, max. 3m wire length, adjustable baud rate & parity, data types: 16 & 32 bit, min. polling cycle: 0.1s/1s
OCPP	1.6 & 2.0.1, NFC Code Touch required



For more information about this product, visit loxone.com/help/wallbox-22kw-tree

Loxone Electronics GmbH
Smart Home 1
4154 Kollerschlag
Austria

Loxone UK
The Forum
Station Road
Theale, RG7 4RA
United Kingdom



For additional information, declaration of conformity, visit www.loxone.com/datasheets

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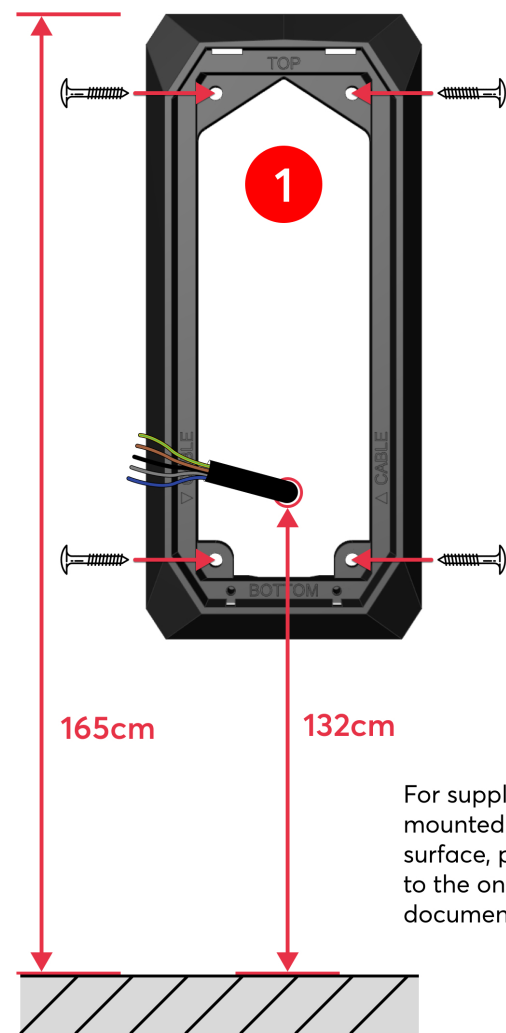
Need Help?
loxone.com/support



LOXONE

Wallbox 22kW 32A Tree

Part No.: 100677



For supply cables mounted on the surface, please refer to the online documentation.

