

About the product

The Loxone Wallbox is a charging station which enables dynamic charging from 1.38kW to 7.4kW for electric vehicles. With the robust Air interface, the device is integrated into the Loxone system and provides all the freedom for energy management. To record the electrical energy, an energy meter can be easily mounted on the integrated DIN-rail and connected to the Modbus interface in the device. Optionally, products like the NFC Code Touch, Touch Pure Flex,... can be mounted directly on the device to set your charging mode or execute any other control.

Ambient conditions

Ambient temperature	-20...50°C / -4...122°F
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 / 52" Top edge: 165cm / 65"
Altitude	max. 2000m

Electrical Data

Supply and Power	AC Input (mains)	24V DC Output
Rated voltage	1x 230V, 50-60Hz	24V DC
Rated current	1x 32A	max. 100mA
Power consumption	Standby: 0.6W, charging: 2,5W	-

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

Charging

Max. charging power	7.4kW (32A), configurable from 1.38kW to 7.4kW
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, 3x6mm² + 1x0.5mm²

Interfaces

Loxone Air	connection with Miniserver / Air Base Extension 868MHz (SRD Band Europe), 4 channels, max. 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 channels, max. 13.2mW Internal antenna
Modbus RTU for connecting Energy meters	max. 1 device, max. 0,5m wire length, adjustable baud rate & parity data types: 16 & 32 bit, min. polling cycle: 5s
Loxone Tree	Prepared for connecting Tree devices, available via firmware update in 2024

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



For more information about this product, visit loxone.com/help/wallbox-7kw32a-air

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

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Need Help?
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Part No.: 100536

Wallbox 7.4kW 32A Air

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