About the product

The Loxone Wallbox is a charging station which enables dynamic charging from 1.38kW to 11kW 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	-2050°C / -4122°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	3x 230/400V or 1x 230V, 50-60Hz	24V DC
Rated current	3x 16A or 1x 16A	max. 100mA
Power consumption	Standby: 0.6W, charging: 4W	-

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

Charging

Max. charging power	11kW (3 phase 16A) / 3.7kW (1 phase 16A) configurable from 1.38kW to 3.7/11kW	
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, 5x2.5mm ² + 1x0.5mm ²	
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 **Ioxone.com/help/wallbox-air**

LOXONE

Loxone Electronics GmbH Smart Home 1 4154 Kollerschlag Austria

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

Wallbox 11kW 16A Air



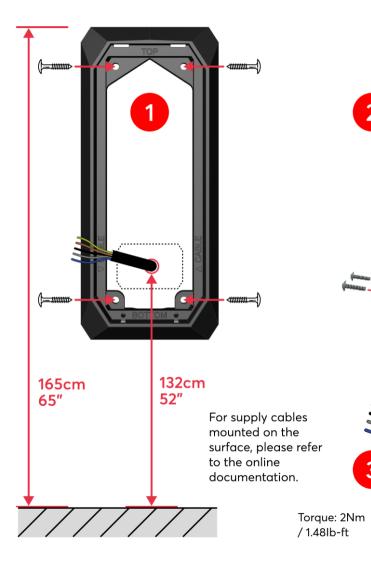
For additional information, declaration of conformity, visit **www.loxone.com/datasheets**

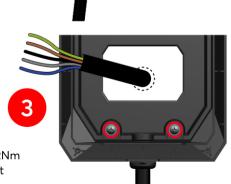
V120523

Need Help? loxone.com/support



Part No.: 100527





2

fannanar fannanar



