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30 kW Wallbox EV Charger

Technical Specifications



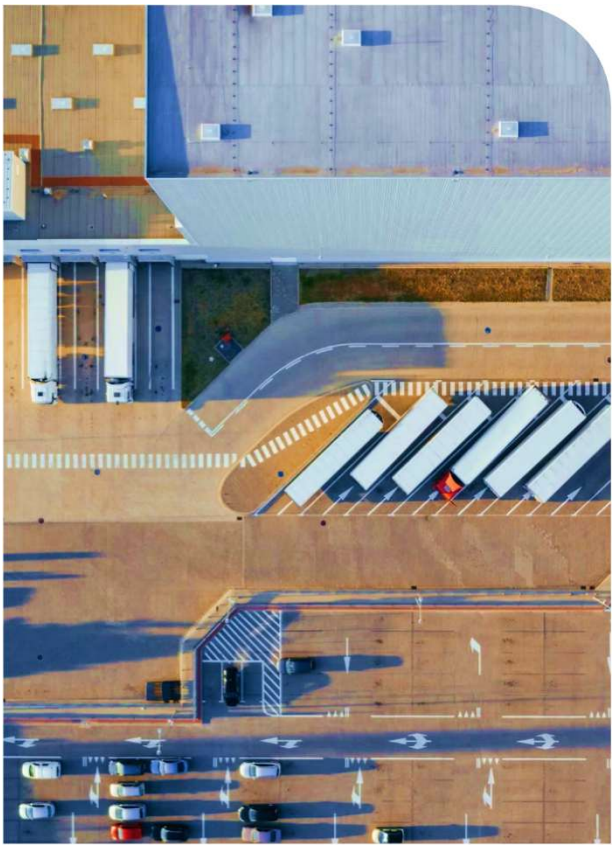
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30 kW Wallbox EV Charger

The 30 kW Wallbox EV Charger is the ideal solution for efficient and reliable charging. Designed to meet the needs of various environments, including commercial facilities, public charging stations, workplaces, and multifamily residences, this charger provides a robust and future-ready charging experience.

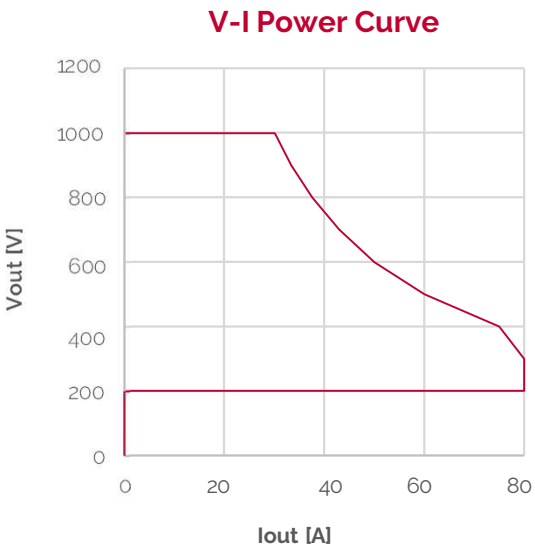
The 30 kW Wallbox EV Charger is ideal for convenience charging in locations where users spend longer times. Its versatile compatibility ensures that all EV drivers can benefit from efficient charging, while advanced safety features like overcurrent protection, short circuit protection, and temperature monitoring guarantee safe and reliable operation.



Technical Specifications

This document provides technical specifications for the 30 kW Wallbox EV Charger:





- Forced Air Cooling
- Max. Efficiency ≥ 95%
- NEMA3R Protection
- Surge Protection for DC & AC
- Touch Screen Display
- Simultaneous Charging

Charger Specifications

	UL Certification (North America)
Input	
Nominal AC Power	32 kW
Input Voltage Range	400 Vac ± 10 %, 3P4W (R,S,T,N)+PE, TN-S
Rated AC Grid Frequency	50 Hz / 60 Hz
Max. Current	49 A
Adjustable Power Factor Range	≥ 0.99 (@ Load 100%, 400 Vac ± 10 %)
Efficiency	
Efficiency	≥ 95% (@ Load 100%)
Output	
Nominal Output Power	30 kW
Operating Voltage Range	150 Vdc ~ 1,000 Vdc
Max. Current	49 A
Metering Accuracy	> 99%
Communication	
User Interface	12.1 Inch/FHD(1,024X768)/Touch Screen (English, Spanish), Operation Buttons (3 buttons), Emergency Stop Button
Control Interface Protocol	OCPP 1.6J (Core: Supported), OCPP2.0.1 (Core: Supported)
Charging Interface Protocol	DIN70121, ISO15118-2 (PnC)
User Authentication	RFID (ISO/IEC14443 A/B, ISO15693), NFC, IC Reader, QR Code (Optional)
Payment Terminal	Invenco by GVR FlexPay 6 A2-05
Network Connection	Ethernet, 4G, LTE Modem
General	
Dimensions (W x D x H)	645 x 252 x 500 mm
Weight (with mounting plate)	45 kg
Standby/Idle Power	< 60W
Operating Temperature Range	-35℃ to +55℃ (with derating @45℃) / -31°F to +131°F
Storage Temperature Range	-40℃ to +70℃ / -40°F to +158°F
Cooling Method	Forced Air Cooling
Max. Operating Altitude	2,000m (6,561ft)
Relative Humidity	5 ~95 % (Non-condensing)
DC Cable (1ea)	CCS2
	Length : 6.35m (Outside Length = External Cable + Connector head), Cable Management
Operating Noise	< 70dB @ 1m
Protection	Over Temperature, Over Voltage, Over Current, Proximity Loss, FG Disconnection Detect, AC Surge, Insulation Monitor
Standards Compliance	CE, EMC, IEC 61851-23, IEC 61851-24, MID

30 kW Wallbox EV Charger

Where charging meets convenience.

Find out how your forecourt or fleet depot could benefit from our end-to-end EV charging ecosystem solutions.

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