

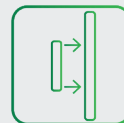
50 kW (2x 25 kW)  
DC-charging system  
for EVs



Up to **97%**  
system efficiency

**150 A**  
continuous charging

**Bidirectional**  
future capability



Ultra-compact design with the versatility of wall mounting option



2 simultaneous 25 kW outputs



Suitable for both indoor and outdoor setups



Low noise level <50 dBA (Silent mode)<sup>(1)</sup>

## Charging Interfaces

Connector options	CCS1, J3400 (NACS), CHAdeMO
Cable lengths	14.5 ft (4.5 m), 25 ft (7.5 m)
RFID system	ISO/IEC 14443A/B, ISO/IEC 15693, NFC
Network connections	Dual SIM, 4G LTE Modems 10/100Base-T Ethernet
Energy management	Configurable static power limit, Dynamic Power limit via OCPP/Modbus
Network communications protocol	Open Charge Point Protocol (OCPP) 1.6 and 2.0.1 Modbus, API
Vehicle communications protocol	DIN 70121, ISO 15118, Autocharge, Plug and Charge, CHAdeMO 1.2

## Electrical

AC nominal input voltage (RMS)	480 V $\pm$ 10%
AC nominal input current (RMS)	63 A
Recommended minimum OCPD	80 A
Input connection	3-Phase: L1, L2, L3, GND (no neutral)
Frequency	60 Hz
THDi (Total harmonic distortion)	< 5% at full load
Power factor	> 0.99 (at full load)
Conversion efficiency	Up to 97% at full load
SCCR	25 kA
Surge protection	Type 1, In 20 kA, I <sub>max</sub> 50 kA
Standby power consumption	23 W
Max output power	50 kW
Max output current	150 A
Output voltage	150 - 1000V DC

(1) Standard environmental conditions 60° F [20° C], 10 ft [3 m] distance

(2) See Manual for environmental derate

(3) Depending on the configuration

(4) Coming soon

## General

Operating temperature	-30°C to 55°C (-22°F to 131°F) <sup>(2)</sup>
Storage/Transport temperature	-40°C to 70°C (-40°F to 158°F)
Altitude	<4,000m (<13,000 ft) <sup>(2)</sup>
Humidity (in operation, storage)	Up to 95% non-condensing
Enclosure type	NEMA 3R (IP54) Indoor/Outdoor
Impact resistance (IEC 62262)	IK10
Noise emission	< 50 dBA <sup>(1)</sup>
Dimensions (H x W x D)	51 x 21 x 10 in (1300 x 520 x 250 mm)
Weight	209 to 320 lbs (95 to 145 kg) <sup>(3)</sup>
Accessibility	Meets ADA requirements for height and reach
User interface	10.1" touch screen, RGB connector status
Multilingual system	27 languages available
Remote management	Access control, configuration, diagnostics, software updates

## Configuration Options

Branding	Options for custom colors (powder coating), custom faceplate
CMS (Cable Management System)	Keeps 14.5 ft (4.5 m) off the ground
Mounting	Wallmount kit <sup>(4)</sup> or pedestal
Payment system	Credit Card Reader optional (Payter/Nayax), EMV Chip, Tap to Pay

## Compliance and Safety

NRTL	UL 2202, UL 2231-1, UL 2231-2 CSA C22.2 No. 346.22, No. 2811-12, No. 281.2-12 TUV File No. U8U 108852 0005
Metering	CTEP No. 5966-24
EMC	FCC 47CFR Part 15B (Class A)
Electrical safety	NEC (NFPA 70) Article 625