EnergyForce Super Rapid Charger

100 kW to 400 kW
DC-charging system
for EVs

Features

- Up to 1200 A output current per charging system
- 500 A per connector (prepared for 600 A boost)(1)
- Best in class efficiency >97% (1)
- 100 kW power stacks with 50 kW granularity for more user dedicated power sharing
- Future-proof wide ouput voltage range of 150 V to 1000 V
- Highly integrated system with integrated dynamic load management
- Parallel DC charging of up to 3 cars
- Scalable and upgradable power

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Smart App

Connect to the EnergyForce Super Rapid integrated dashboard to view and control the charger or integrate to the EnergyForce InMotion smart app via OCPP.

inMotion

Download on the App Store

GET IT ON Google Play

(1) Preliminary data to be verified

SUITABLE FOR PUBLIC SPACES

FLEET

COMMERCIAL

PARKING

EnergyForce **Super Rapid Charger**

TECHNICAL SPECIFICATION

Specifications are subject to change without notice.

SYSTEM SPECIFICATION	
DC-connection standard	CCS2 up to 500 A (prepared for 600 A boost) (1) CHAdeMO up to 200 A CCS1 (2) GB/T (2)
Ambient	In- and outdoor installation
Working temperature	-30° to +55° C (3)
Humidity	5% - 95% relative humidity (non condensing)
Protection degree	IP54
IK-rating	IK10
Efficiency	>97% (1)

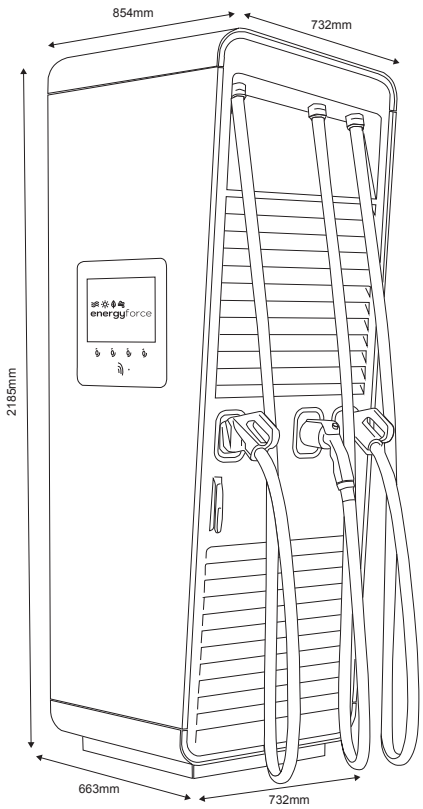
GRID	
Nominal voltage (rms)	380 V / 400 V / 480 V (4)
Max. input current (cont., rms)	600 A
Frequency	50 Hz / 60 Hz
Power factor with active PFC correction	>0,99

DC-OUTPUT	
Maximum DC output power (1)	100 kW, max. 300 A 200 kW, max. 600 A, 300 kW, max. 600 A 400 kW, max. 600 A
Granularity of output power	50 kW
Output DC voltage range	150 V - 1000 V
Maximum output current	Imax: 500 A (prepared for 600 A boost) (1)

GENERAL	
DC-protocol standard	CCS1/2: SAE J1772 / EN 61851-23/DIN SPEC 70121; ISO 15118 CHAdeMO 1.2 GB/T 27930 (for automotive multicharger)
User registration	RFID reader (ISO/IEC 14443A/B, ISO/IEC 15693) Credit Card reader with QR-Code-reader (optional)
Network Connection	LTE/UMTS/GSM Modem 4G/3G/2G 10/100Base-T Ethernet
Charging infrastructure communication protocol	Open Charge Point Protocol (OCPP) 1.6 J, ready for 2.0 J
User Interface	15,6" screen, 4 buttons

MECHANICAL	
Dimensions (HxWxL)	2235 x 732 x 663 mm
Weight	375 kg up to 775 kg (1)

(1) Preliminary data to be verified (2) Only upon special request by OEMs (3) Derating tbd (4) 480 V only upon special request



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