

Raption Compact 240

Greater dose of power for a convenient simultaneous charging

This compact fast charger can deliver up to 240 kW (UFC) of charging power. It combines 240 kW ultra-fast charging with 120 kW simultaneous charging, offering flexibility based on the charging demand. Its modular power architecture, high efficiency, and user-friendly design make it suitable for charging hubs and public areas, where minimizing charging times is important.



Product highlights

- Up to 240 kW and 500 A during charging with CCS2 plug, for charging up to 240 km in 10 minutes.
- Simultaneous charging of two electric vehicles splitting the available power (up to 120 kW per plug)
- From 160 to 240 kW in 40 kW modules to meet the increasing demands of batteries. The Boost mode always delivers 240 kW and 500 A to all vehicles and batteries on the market, regardless of voltage.
- Compatible with dynamic load management to adapt to the location conditions and optimize installation cost. It also offers Master configuration capabilities in Master-Satellite solutions
- Architecture with high-efficiency power modules to improve up-time and reduce operating costs.
- The 15-inch touchscreen, combined with its intuitive interface and other user-focused features like cable management, courtesy lights and contactless payment enhances the user experience.

Raption Compact 240

General specifications

AC power supply	3P + N + PE
AC voltage	400 V AC +/- 10%
Maximum AC input current	380 A
Power supply capacity	258 kVA
Power factor	>0.99
Efficiency	96% at nominal power
Frequency	50 / 60 Hz
Grid isolator	Switch disconnecter
Electrical protection	MCB curve C Isolation monitoring device
Connections	Ethernet 10/100BaseTX
Interface protocol	OCPP 1.6J/ OCPP 2.0 ready
Compliance	CE / Combo-2 (DIN 70121; ISO15118) IEC 61851-1; IEC 61851-23; IEC 61851-21-2 CHAdeMO compatible
Enclosure rating	IP54 / IK10
Structure material	Stainless steel
Operating temperature	-30 °C to +50 °C
Storage temperature	-40 °C to +60 °C
Operating humidity	5% to 95% non-condensing
RFID Reader	ISO / IEC14443-1/2/3 MIFARE Classic

HMI screen	15" anti-vandal colour touchscreen
Power limit control	By software
Cable length	4 metres (CCS) 3.5 metres (CHAdeMO)
Light beacon	RGB colour indicator
Dimensions (D x W x H)	635 x 1235 x 1910 mm (without cable)
Weight	575 kg
Cooling system	Air cooling fans
Noise level	<65 dB
AC meter	Compliant with EN 50470-1 and EN 50470-3 (MID European standards) or IEC 62052-11
Wireless Communication EU	4G LTE/WiFi Hotspot/GPRS/GSM
Optional devices	
Wireless Communication LATAM/APAC	4G LTE / GPRS / GSM
Surge protection	Protection against permanent overvoltage IEC 61643-1 (class II)
Cable length	5.5 metres
Anti-vandal connector protection	CHAdeMO, CCS (mechanical connector locking)
RFID extension	Legic Advant / Legic Prime ISO 15693/ISO 18092. Sony FeliCa
Contactless payment	Built-in credit card payment terminal
Cable management	Assisted cable system

Model specifications

Raption Compact 240 models	CCS CCS	CCS CHA
Maximum output power	CCS: 240 kW CCS: 240 kW	CCS: 240 kW CHA: 100 kW
Output voltage range	CCS: 150-920 V CCS: 150-920 V	CCS: 150-920 V CHA: 150-500 V
Maximum output current	CCS: 500 A CCS: 500 A	CCS: 500 A CHA: 200 A
Connection	 	 