

Raption Compact 240

Greater dose of power for a convenient simultaneous charging

This compact-size fast charger of up to 240 kW (UFC) combines 240 kW ultra-fast charging with 120 kW simultaneous charging to provide flexibility based on the charging demand.



Product highlights

- Up to 240 kW of power for charging up to 240 km in 10 minutes.
- Able to charge 240 kW and 500 A in Boost mode when charging one vehicle, regardless of the EV's voltage. Moreover, it offers simultaneous charging of two EVs splitting the available power (up to 120 kW per plug).
- Modular architecture with high-efficiency power modules to offer two models (160 kW or 240 kW). Besides, this architecture improves up-time and reduces operating costs
- Compatible with Circontrol's dynamic load management system (DLM) to adapt to the location conditions and optimize installation cost. It also offers Master configuration capabilities in Master- AC Satellite solutions.
- Includes an optional DC direct current billing MID meter, with a built-in LCD display to show real-time measurements, energy, alarms, and legal data to the EV user.
- The 15-inch touchscreen, combined with its intuitive interface and other user-focused features like assisted 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	415 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
Energy metering	DC MID meter (LNE certification included)

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		