RAPTION 150C CCS2-CHA

RAPTION 150C CCS2-CHA, Outdoor recharge station

Code: V17720.

> Communications: Ethernet | 4G
> Output type: 150-920 Vcc - 375 A - 150 kW|150-500 Vcc - 200 A - 100 kW
> Connector type: CCS Combo 2 (FF)|JEVS G105 - CHAdeMO (AA)
> Grid type: Three-phase
> Charge mode: 4
> No. Sockets: 2
> Earth leakage protection: Type B

Description

The **RAPTION 150C** chargers are perfect devices for fast charging electric vehicles that need a powerful boost to get back on the road as soon as possible. It consists of a compact charger with up to 150kW of power, which can be distributed simultaneously through 2 plugs at 75 kW each in the dual-hose version. These devices reduce electric vehicle charging times, since they are capable of extending a car's range by up to 400 km in 20 minutes, thus making long journeys possible. In addition to the high charging power, this device has all the features needed for ease of use and convenience, such as a touchscreen with instructions, charging status LED indicators, communications with management platforms in the cloud and a contactless payment terminal for bank cards.

Application

The **Raption 150C** is perfectly suited to various scenarios where the EV charging time is a priority for the final user, such as service stations and rest areas in expressways, charging spaces in shopping centres, professional fleets of passenger cars and urban bus fleets, and others.

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Quick outdoor charging station

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Specifications

AC power supply

Input intensity	237 A
Efficiency	95%
Power factor	> 0,98
Frequency	50 / 60 Hz
Type of network	3Ph + N + GND
Nominal voltage	400 V ~ ± 10 %

Electrical characteristics

Surge protection (DSP)	Optional: 4-pole transient overvoltage (IEC 61643-11 Class II)
Overcurrent protection	Circuit breaker
Power	163 kVA

Mechanical characteristics

Size (mm) width x height x depth	1290 x 1910 x 550 (mm)
Envelope	Stainless steel
Noise	< 55 dBA
Ventilation	Air cooling fans
Weight (kg)	450

Environmental characteristics

Protection class	IP 54 / IK10
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-40 ... +60 °C
Working temperature	-30 ... +50 °C

Standards

Certifications	CE / Combo-2, (DIN 70121; ISO15118)
Standards	(DIN 70121; ISO15118); IEC 61851-1; IEC 61851-23; IEC 61851-21-2

Communication Network

Protocol	OCPP 1.5, OCPP 1.6 / XML
Technology / Type	Ethernet 10/100 Base TX (TCP/IP)

User interface

RFID (Radio-Frequency Identification)	ISO / IEC 14443-1/2/3 , MIFARE Classic
LED	Charging indicator and courtesy lighting
Display type	8" TFT touch screen anti-vandalism display

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Features / performance

Optional	Air-conditioning heater -30 ... +50 °C Vandal-proof protection by mechanical locking of the connector Contactless payment system Connection cables 5.5 m 8-port TCP ethernet switch EMC protection class B according to IEC 61000 EMC filter

Protection

Safety relay type (class)	Type B

Radio communication

Technology / Type	4G / GPRS / GSM Modem

Output 1

Maximum current	375 A
Maximum power	150 kW
Voltage range	150 ... 920 Vdc
Connector type	CCS Combo 2 (FF)
Network type	Three-phase (DC)

Output 2

Maximum current	200 A
Maximum power	100 kW
Voltage range	150...500 Vdc
Connector type	JEVS G105 - CHAdeMO (AA)
Network type	Three-phase (DC)

RAPTION 150C

High-power compact charging stations

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type	Charge mode	Communications
Dispenser							
V1772E.	RAPTION 150C CCS2-CCS2	2	150-920 Vcc - 375 A - 150 kW|150-920 Vcc - 375 A - 150 kW	CCS Combo 2 (FF)|CCS Combo 2 (FF)	Three-phase	4	Ethernet | 4G
V17720.	RAPTION 150C CCS2-CHA	2	150-920 Vcc - 375 A - 150 kW|150-500 Vcc - 200 A - 100 kW	CCS Combo 2 (FF)|JEVS G105 - CHAdeMO (AA)	Three-phase	4	Ethernet | 4G

8" vandal-proof TFT touch screen, independent overcurrent and earth leakage 30-mA, type-B protection per plug, integrated MID-certified energy measurement, RFID reader for authentication and charge activation - ISO 14443-1/2/3; emergency STOP button. Data storage, Ethernet communications, 4G communications, OCPP 1.6J/2.0 (ready) communications protocol, weight: 335 kg. Stainless steel IP54 - IK10 casing. Dimensions: 510 x 1130 x 1810 mm (cordless). 4-m cable length (5.5 m optional).

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RAPTION 150C CCS2-CHA

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Dimensions

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