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Code:

Description

Fast charging device with CHAdeMO and COMBO CCS connectors for DC charging in Mode 4, and with Type 1 or Type 2 connectors for AC charging in Mode 3. The Raption 100 quick charging units allow vehicles to be charged on the go when quick recharging is required. Depending on the capacity of the batteries, it can provide a full or partial charge in a short time.

Application

RAPTION devices are ideal for public charging, shopping centres, rental companies, vehicle fleets, company car parks, etc.

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Specifications

AC power supply

Input intensity	192 A
Power factor	> 0,98
Frequency	50 / 60 Hz
Type of network	3Ph + N + GND
Nominal voltage	400 V ~ (± 10 %) (480 V ~ bajo demanda)

Electrical characteristics

Overcurrent protection	Circuit breaker
Cable: Connector type	CCS Combo 1 (CC) Type 2 socket
Max. output intensity (A)	DC: 250, AC:32
Charging mode	Mode 3, 4
No. of charges	2
Max. output power (kW)	DC: 100 , AC: 22
Efficiency	95%
Voltage	DC: 150...920 V, AC: 400 V

Mechanical characteristics

Size (mm) width x height x depth	940 x 1800 x 520 (mm)
Envelope	Stainless steel
Noise	< 55 dB

Environmental characteristics

Protection class	IP 54 / IK10
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-40 ... +60 °C
Working temperature	-10 ... +50 °C

Standards

Certifications	IEC 61851-1; IEC 61851-23; IEC 61851-21-2; CCS (DIN 70121; ISO 15118)
Electrical safety, Installation category	CAT III 300 V
Standards	IEC 61851-1; IEC 61851-23; IEC 61851-21-2; CCS (DIN 70121; ISO 15118)

Communication Network

Protocol	OCPP
Technology / Interface	Ethernet 10/100 Base TX (TCP/IP)

User interface

RFID (Radio-Frequency Identification)	ISO / IEC 14443A / B, MIFARE Classic, MIFARE DESFire, MIFARE, DESFire EV1, ISO 18092 / ECMA-340 (NFC) 13.56 MHz

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Code:

LED	RGB color charge indicator
Display type	8" TFT touch screen anti-vandalism display

Features / performance

Optional	4-pole transient overvoltages (IEC 61643-11 Class II) Self-resetting residual current circuit breaker type B Heater/heater for -30 ... +50 °C Vandal protection: mechanical locking of the connector Contactless payment system

Protection

Safety relay type (class)	Type B

Radio communication

Technology / Type	4G / GPRS / GSM Modem

Output 1

Maximum current	125 A
Maximum power	50 kW
Voltage range	50-500 Vcc
Connector type	CCS Combo 1 (CC)
Network type	Three-phase (DC)

Output 2

Maximum current	32 A
Maximum power	22 kW
Voltage range	400 Vca
Connector type	Type 2 socket
Network type	Three-phase (DC)

RAPTION 100
Compact ultra-fast recharging stations

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type
V17311.	RAPTION 100 CCS1	1	150-920 Vcc - 250 A - 100 kW	CCS Combo 1 (CC)	Three-phase
V1732D.	RAPTION 100 CCS1 CHA	2	150-920 Vcc - 250 A - 100 kW | 50-400 Vcc - 125 A - 50 kW	CCS Combo 1 (CC)|JEVS G105 - CHAdeMO (AA)	Three-phase
V1732C.	RAPTION 100 CCS1 T1C32	2	150-920 Vcc - 250 A - 100 kW| 400 Vca - 32 A - 22 kW	CCS Combo 1 (CC)| Type 1 cable	Three-phase
V1732B.	RAPTION 100 CCS1 T2S32	2	150-920 Vcc - 250 A - 100 kW| 400 Vca - 32 A - 22 kW	CCS Combo 1 (CC) | Type 2 socket	Three-phase

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Code:

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type
V17337.	RAPTION 100 CCS1 CHA T2S32	3	150-920 Vcc - 200/250 A - 100 kW| 50-400 Vcc - 125 A - 50 kW | 400 Vca - 32 A - 22 kW	CCS Combo 1 (CC)| JEVS G105 - CHAdeMO (AA)| Type 2 socket	Three-phase
V17338.	RAPTION 100 CCS1 CHA T1C32	3	150-920 Vcc - 200/250 A - 100 kW| 50-400 Vcc - 125 A - 50 kW | 400 Vca - 32 A - 22 kW	CCS Combo 1 (CC)| JEVS G105 - CHAdeMO (AA)| Type 1 cable	Three-phase

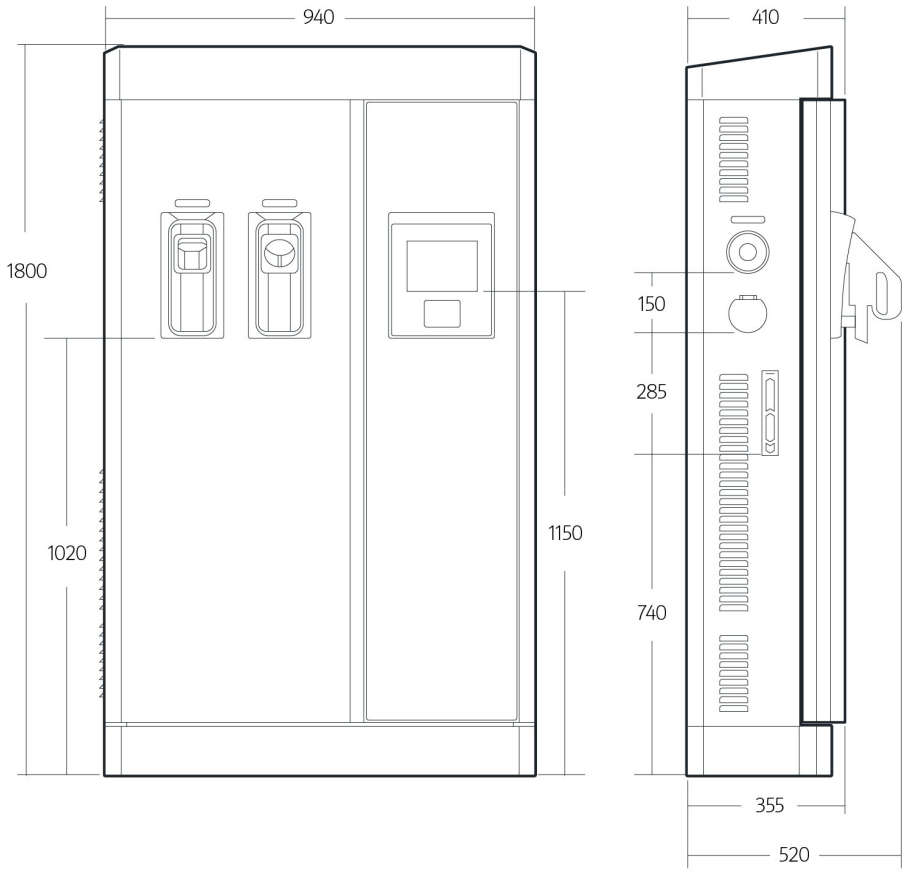
8" vandal-proof TFT touch screen, independent overcurrent and earth leakage 30-mA, type-B protection per plug, integrated MID-certified energy measurement, RFID reader for authentication and charge activation - ISO 14443 A/B, data storage, Ethernet communications, 4G communications, OCPP 1.6J/2.0 (ready) communications protocol, Weight: 255 kg, suitable for wall mounting, stainless steel IP54 - IK10 enclosure, dimensions: 350x940x1800 mm. 3-m cable length (5 m optional).

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Code:

Dimensions



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