



## RAPTION 100 CCS1 CHA T1C32

RAPTION 100 CCS1 CHA T1C32, Outdoor recharge station

Code: V17338.

- > Communications: Ethernet | 4G
- > Output type: 150-920 Vcc - 250 A - 100 kW | 150-500 Vcc - 200 A - 100 kW | 230 Vca - 32 A - 7.4 kW
- > Connector type: CCS Combo 1 (CC) | JEVS G105 - CHAdeMO (AA) | Type 1 cable
- > Grid type: Three-phase
- > Charge mode: 3 | 4
- > No. Sockets: 3

### 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
Efficiency	95%
Power factor	> 0,98
Frequency	50 / 60 Hz
Type of network	3Ph + N + GND
Nominal voltage	400 V ~ ( $\pm 10$ %) (480 V ~ bajo demanda)

#### Electrical characteristics

Overcurrent protection	Circuit breaker
Cable: Connector type	CCS Combo 1 (CC)  JEVS G105 - CHAdeMO (AA)  Type 1 cable
Charging mode	Mode 3, 4
No. of charges	3

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

#### Communication Network

Protocol	OCPP
Technology / Type	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
LED	RGB color charge indicator



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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

250 A

Maximum power

100 kW

Voltage range

150-920 Vcc

Connector type

CCS Combo 1 (CC)

Network type

Three-phase (DC)

### Output 2

Maximum current

200A

Maximum power

100 kW

Voltage range

150-500 Vcc

Connector type

JEVS G105 - CHAdeMO (AA)

Network type

Three-phase (DC)

### Output 3

Maximum current

32 A

Maximum power

7.4 kW

Voltage range

230 Vca

Connector type

Cable Type 1

Network type

Three-phase (AC)

### RAPTION 100

Compact ultra-fast recharging stations



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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
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).



## RAPTION 100 CCS1 CHA T1C32

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## Dimensions

