



RAPTION 50 CCS1

RAPTION 50 CCS1, Outdoor recharge station

Code: V17111.

- > Communications: Ethernet | 4G
- > Output type: 50-500 Vcc - 125 A - 50 kW
- > Connector type: CCS Combo 1 (CC)
- > Grid type: Three-phase
- > Charge mode: 4
- > No. Sockets: 1

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 fast-charging **RAPTION 50** device allows opportunity charging in cases where charging speed is required. Depending on the capacity of the batteries, it can provide a full or partial charge in a short time.

The **RAPTION 50** station works with power levels of up to 50 kW. The unit has an interactive screen for easy user interaction, and communications capabilities (Ethernet, 4G) for remote management from the control centre.

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	76 A
Efficiency	95 % con potencia nominal de salida
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

Surge protection (DSP)	Optional
Overcurrent protection	Optional
Cable: Connector type	CCS Combo 1 (cable length 3m)
Max. output intensity (A)	0 ... 125 cc
Charging mode	Mode 4
No. of charges	1
Max. output power (kW)	50 (cc)
Voltage	50 ... 500 Vdc

Mechanical characteristics

Size (mm) width x height x depth	940 x 1800 x 520 (mm)
Envelope	Stainless steel
Weight (kg)	235

Environmental characteristics

Protection class	IP 54 / IK10
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-20 ... +60 °C
Working temperature	-30 ... +45 °C

Communications

Protocol	OCPP
Type	Ethernet 10/100 Base TX (TCP/IP)
Speed	4G / GPRS / GSM Modem

Standards

Electrical safety, Installation category	CAT III 300 V
Standards	IEC 61851-1, IEC 61851-22, IEC 61851-23, IEC 62196-1, IEC 62196-2, IEC 62196-3, CHAdeMO Certified, CCS (DIN 70121, ISO 15118)



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User interface

RFID (Radio-Frequency Identification)	ISO/IEC 14443 A/B, MIFARE Classic / Desfire EV1 ISO 18092 / ECMA-340, NFC 13,56 MHz
LED	RGB color charge indicator
Display type	8" Touch TFT, multilingual

Features / performance

Heating and air conditioning unit	-30 ... +45 °C (Optional)
Energy measurement	Meter for measuring alternating electrical energy according to UNE-EN 50470

Protection

Safety relay type (class)	RCD (optional)
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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)

RAPTION 50

50-kW compact, fast-charging stations

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type
V17110.	RAPTION 50 CCS2	1	50-500 Vcc - 125 A - 50 kW	CCS Combo 2 (FF)	Three-phase
V17111.	RAPTION 50 CCS1	1	50-500 Vcc - 125 A - 50 kW	CCS Combo 1 (CC)	Three-phase
V1712D.	RAPTION 50 CCS1 CHA	2	100-500 Vcc - 125 A - 50 kW	CCS Combo 1 (CC) JEVS G105 - CHAdeMO (AA)	Three-phase
V17122.	RAPTION 50 CCS2 T2C32	2	50-500 Vcc - 125 A - 50 kW 400 Vca - 32 A - 22 kW	CCS Combo 2 (FF) Type 2 cable	Three-phase
V1712C.	RAPTION 50 CCS1 T1C32	2	100-500 Vcc - 125 A - 50 kW 400 Vca - 32 A - 22 kW	CCS Combo 1 (CC) Type 1 cable	Three-phase
V17123.	RAPTION 50 CCS2 T2S32	2	50-500 Vcc - 125 A - 50 kW 400 Vca - 32 A - 22 kW	CCS Combo 2 (FF) Type 2 socket	Three-phase
V1712B.	RAPTION 50 CCS1 T2S32	2	100-500 Vcc - 125 A - 50 kW 400 Vca - 32 A - 22 kW	CCS Combo 1 (CC) Type 2 socket	Three-phase
V17130.	RAPTION 50 CCS2 CHA T2S32	3	50-500 Vcc - 125 A - 50 kW 400 Vca - 32 A - 22 kW	CCS Combo 2 (FF) JEVS G105 - CHAdeMO (AA) Type 2 socket	Three-phase
V17137.	RAPTION 50 CCS1 CHA T2S32	3	100-500 Vcc - 125 A - 50 kW 400 Vca - 32 A - 22 kW	CCS Combo 1 (CC) JEVS G105 - CHAdeMO (AA) Type 2 socket	Three-phase
V17138.	RAPTION 50 CCS1 CHA T1C32	3	100-500 Vcc - 125 A - 50 kW 400 Vca - 63 A - 43 kW	CCS Combo 1 (CC) JEVS G105 - CHAdeMO (AA) Type 1 cable	Three-phase



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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 1.5/1.6 communications protocol, Weight: 230 kg, suitable for wall mounting, stainless steel IP54 - IK10 enclosure, dimensions: 350x940x1800 mm. 3-m cable length (5 m optional).



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Dimensions

