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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
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 Type 2 socket
Max. output intensity (A)	DC: 125
Charging mode	Mode 3, 4
No. of charges	2
Max. output power (kW)	DC: 50
Efficiency	94%
Voltage	50 ... 500 Vdc

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	-20 ... +60 °C
Working temperature	-30 ... +45 °C

Communication Network

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

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)

Electrical safety

Insulation	Double-insulated electric shock protection class II (IEC 61010)

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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 (Opcional)

Protection

Safety relay type (class)	RCD (optional)

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 (AC)

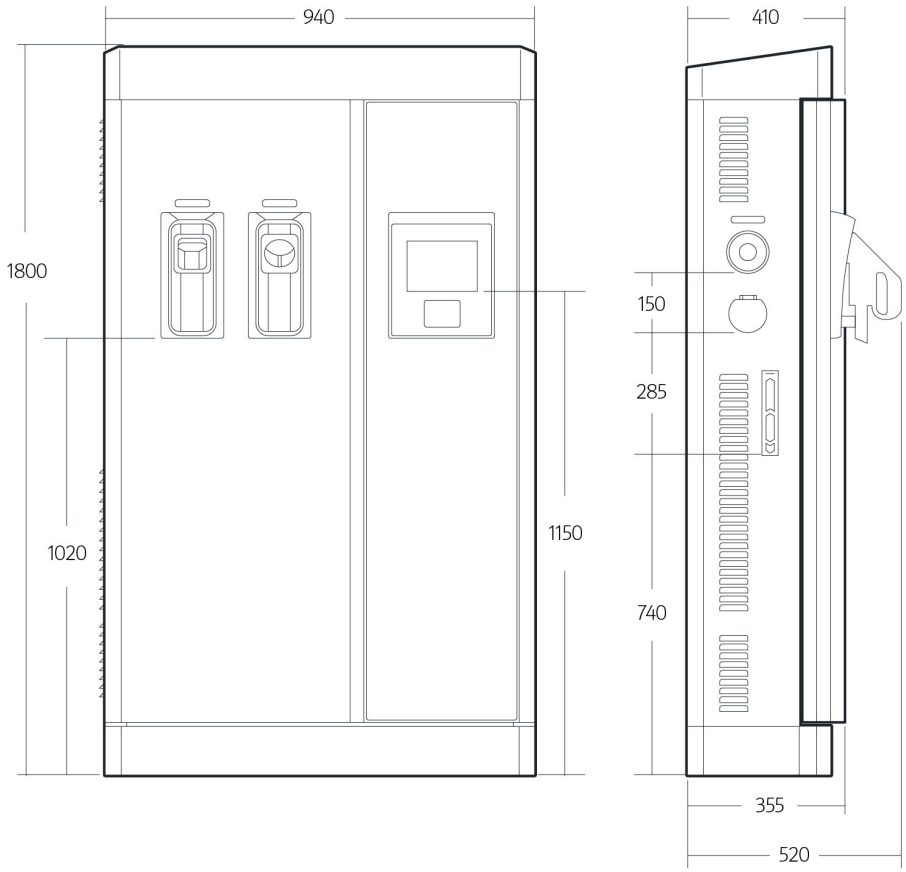
8" vandal-proof TFT touch screen, independent overcurrent and earth leakage 30-mA, type-B protection per plug, integrated MID-certified energy measurement, RFID reader for authentication and charge activation - ISO 14443 A/B, data storage, Ethernet communications, 4G communications, OCPP 1.5/1.6 communications 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



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