



RAPTION 50 EVO CCS1 T1C32, Outdoor recharge station

Code: V1742C. DESCATALOGADO

> Communications: Ethernet | 4G

> Output type: 100-920 Vcc - 125 A - 50 kW| 400 Vca - 32 A - 22 kW

> Connector type: CCS Combo 1 (CC)| Type 1 cable

> Grid type: Three-phase > Charge mode: 3 | 4 > No. Sockets: 2

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 50 EVO** device is perfect in situations where fast charging is required. Depending on the capacity of the batteries, it can provide a full or partial charge in a short time.

The RAPTION 50 EVO station works with power levels of up to 50 kW, though it can be expanded to 100 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.







Quick outdoor charging station

Code: V1742C.

Specifications

AC power supply	
Input intensity	76 A
Efficiency	94%
Power factor	> 0,98
Frequency	50 / 60 Hz
Type of network	3Ph + N + GND
Nominal voltage	$400 \text{ V} \sim (\pm 10 \text{ \%}) \text{ (480 V} \sim \text{bajo demanda)}$
Electrical characteristics	
Surge protection (DSP)	Optional
Overcurrent protection	Optional
Cable: Connector type	CCS Combo 1 (CC) Type 1 cable
Max. output intensity (A)	DC: 125
Charging mode	Mode 3, 4
No. of charges	2
Max. output power (kW)	DC: 50
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
Weight (kg)	230
Environmental characteristics	
Protection class	IP 54 / IK10
Relative humidity (without condensation)	5 95 %
Storage temperature	-20 +60 °C
Working temperature	-30 +45 °C
Standards	
Certifications	CE
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)
Communication Network	
Protocol	ОСРР
Technology / Type	Ethernet 10/100 Base TX (TCP/IP)







Quick outdoor charging station

Code: V1742C.

Electrical safety

•	
Insulation	Double-insulated electric shock protection class II (IEC 61010)
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)
Energy measurement	Meter for measuring alternating electrical energy according to UNE-EN 50470
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	Cable Type 1
Network type	Three-phase (AC)

Expandable to 100 kW, 8" vandal-proof TFT touch screen, independent overcurrent and earth leakage 30-mA, type-8 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, 0CPP 1.61/2.0 (ready) communications protocol, Weight: 230 kg, suitable for wall mounting, stainless steel IP54 - IK10 enclosure, dimensions: 350x940x1800 mm. 3-m cable length (5 m optional).







Quick outdoor charging station

Code: V1742C.

Dimensions



