



RAPTION 100 CCS2 CHA T2S32, Outdoor recharge station

Code: V17330. (CONSULTAR DISPONIBILIDAD)

> Communications: Ethernet | 4G

> Output type: 150-920 Vcc - 250 A - 100 kW | 150-500 Vcc - 200 A - 100 kW | 400 Vca - 32 A - 22 kW

> Connector type: CCS Combo 2 (FF)| JEVS G105 - CHAdeMO (AA)| Type 2 socket

> 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.







Quick outdoor charging station

Code: V17330.

Specifications

This part intensity	AC power supply		
Power factor	Input intensity	192 A	
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 2JEVS G105 - CHAdeMO((able length 3m)Type 2 socket Charging mode Mode 3, 4 No. of charges 3 Mechanical characteristics Size (mm) width x height x depth 94.0 x 1800 x 520 (mm) Envelope Stainless steel Noise < 55 dB Environmental characteristics Protection class IP 54 / IK10 Reliative humidity (without condensation) 595 % Storage temperature -40 +60 °C Working temperature -10 +50 °C Standards Certifications Eccision 7012; ISO 15118) Electrical safety, Installation category CAT III 300 V Standards Communication Network Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP /IP) User interface REID (Radio-Frequency Identification) ISO / IEC 14443A / B, MFARE Classic, MIFARE DESFire, MIFARE, DESFire EVI, ISO 18092 / ECMA-340 (NFC) 13.56 MHz	Efficiency	95%	
Type of network Nominal voltage Electrical characteristics Overcurrent protection Cable: Connector type CCS Combo 2JEVS G105 - CHAdeMO(Cable length 3m)Type 2 socket Charging mode Mode 3, 4 No. of charges 3 Mechanical characteristics Size (mm) width x height x depth Stainless skeel Nolse Environmental characteristics Environmental characteristics Environmental characteristics Frotecton class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature 4-0 +60 °C Working temperature 4-0 +50 °C Standards Electrical safety, Installation category Cat III 300 V Standards Certifications Certifications Certification Network Protocol Communication Network Protocol Technology / Type Ethernet 10/100 Base TX (TCP/IP) User interface RFIO (Radio-Frequency Identification) ISO / IEC 14443A / B, MIFARE Classic, MIFARE DESFire, MIFARE, DESFire EVI, ISO 18092 / ECMA-340 (NFC) 13.56 MHz	Power factor	> 0,98	
Nominal voltage	Frequency	50 / 60 Hz	
Electrical characteristics Overcurrent protection Circuit breaker Cable: Connector type CCS Combo 2 JEVS 6105 - CHAdeMO(Cable length 3m)Type 2 socket 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 Steinless steel Noise < 55 dB Environmental characteristics Protection class IP 54 / IKIO Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -10 +50 °C Standards Electrical safety, Installation category CS (DIN 7012); ISO 15118) Communication Network Protocol OCP 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 EVI, ISO 1809 x	Type of network	3Ph + N + GND	
Overcurrent protection Circuit breaker Cable: Connector type CCS Combo 2/EVS G105 - CHAdeMO(Cable length 3m)Type 2 socket 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 61851-21; IEC 61851-23; IEC 61851-21-2; CE / Combo-2; CHAdeMO compatible; CCS (DIN 7012; ISO 1518) Communication Network Protocol OCP 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 EVI, ISO 1809 / 1809 / ECMA-340 (NFC) 13.56 MHz	Nominal voltage	400 V ~ (± 10 %) (480 V ~ bajo demanda)	
Cable: Connector type CCS Combo 2.JEVS G105 - CHAdeMO(Cable length 3m)Type 2 socket Charging mode Mode 3, 4 No. of charges 3 Mechanical characteristics Size (mm) width x height x depth Power of the standards steel Size (mm) width x height x depth Stainless steel Noise Stainless steel Noise Protection class and protection class	Electrical characteristics		
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 / IKTO 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 61851-27-2; CE / Combo-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; CE / Combo-2; CHAdeMO compatible; CCS (DIN 70121; ISO 15118) Communication Network Protocol OCP Technology / Type Ethernet 10/100 Base TX (TCP/IP) User interface RFID (Radio-Frequency Identification) ISO / IEC 14443A / B, MIFARE Classic, MIFARE, DESFire EVI, ISO 1809 / IEC MA-340 (NFC) 13.56 MHz	Overcurrent protection	Circuit breaker	
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 / IKTO Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -10 +50 °C Standards Certifications IEC 61851-2; IEC 61851-23; IEC 61851-21-2; CE / Combo-2; CHAdeMO compatible; CCS (DIN 70121; ISO 15118) Electrical safety, Installation category CAT III 300 V Standards 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 EVI, ISO 1809 / IEC MA-340 (NFC) 13.56 MHz	Cable: Connector type	CCS Combo 2JEVS G105 - CHAdeMO(Cable length 3m)Type 2 socket	
Size (mm) width x height x depth	Charging mode	Mode 3, 4	
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 61851-23; IEC 61851-21-2; CE / Combo-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; CE / Combo-2; CHAdeMO compatible; CCS (DIN 70121; ISO 15118) Communication Network Protocol OCP 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	No. of charges	3	
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 61851-21; IEC 61851-23; IEC 61851-21-2; CE / Combo-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; CE / Combo-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	Mechanical characteristics		
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 61851-7; IEC 61851-23; IEC 61851-21-2; CE / Combo-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; CE / Combo-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 EVI, ISO 18092 / ECMA-340 (NFC) 13.56 MHz	Size (mm) width x height x depth	940 x 1800 x 520 (mm)	
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; CE / Combo-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; CE / Combo-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 EVI, ISO 18092 / ECMA-340 (NFC) 13.56 MHz	Envelope	Stainless steel	
Protection class 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; CE / Combo-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; CE / Combo-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	Noise	< 55 dB	
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; CE / Combo-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; CE / Combo-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	Environmental characteristics		
Standards Certifications Electrical safety, Installation category Standards Communication Network Protocol Technology / Type Ethernet 10/100 Base TX (TCP/IP) User interface RFID (Radio-Frequency Identification) -40 +60 °C -10 +50 °C Electrical safety, Installation category IEC 61851-23; IEC 61851-23; IEC 61851-21-2; CE / Combo-2; CHAdeMO compatible; CCS (DIN 70121; ISO 15118) Communication Network Protocol OCPP 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	Protection class	IP 54 / IK10	
Working temperature -10 +50 °C Standards Certifications IEC 61851-1; IEC 61851-23; IEC 61851-21-2; CE / Combo-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; CE / Combo-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	Relative humidity (without condensation)	5 95 %	
Standards Certifications IEC 61851-1; IEC 61851-23; IEC 61851-21-2; CE / Combo-2; CHAdeM0 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; CE / Combo-2; CHAdeM0 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	Storage temperature	-40 +60 °C	
Certifications IEC 61851-1; IEC 61851-23; IEC 61851-21-2; CE / Combo-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; CE / Combo-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	Working temperature	-10 +50 °C	
CCS (DIN 70121; ISO 15118) Electrical safety, Installation category Standards IEC 61851-1; IEC 61851-23; IEC 61851-21-2; CE / Combo-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	Standards		
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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	Electrical safety, Installation category	CAT III 300 V	
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	Standards		
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	Communication Network		
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	Protocol	ОСРР	
RFID (Radio-Frequency Identification) ISO / IEC 14443A / B, MIFARE Classic, MIFARE DESFire, MIFARE, DESFire EV1, ISO 18092 / ECMA-340 (NFC) 13.56 MHz	Technology / Type	Ethernet 10/100 Base TX (TCP/IP)	
18092 / ECMA-340 (NFC) 13.56 MHz	User interface		
LED RGB color charge indicator	RFID (Radio-Frequency Identification)		
	LED	RGB color charge indicator	







Quick outdoor charging station

Code: V17330.

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)	Туре В
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 2 (FF)
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	22 kW
Voltage range	400 Vca
Connector type	Type 2 socket
Network type	Three-phase (AC)

RAPTION 100

Compact ultra-fast recharging stations







Quick outdoor charging station

Code: V17330.

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, 0CPP 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).







Quick outdoor charging station

Code: V17330.

Dimensions





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