



RAPTION 100 CCS2 CHA T2C32, Outdoor recharge station

Code: V17332.

> 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 - CHAdeM0 (AA)| Type 2 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.







Quick outdoor charging station

Code: V17332.

Specifications

Input intensity 192 A Efficiency 95% Power factor > 0.988 Power factor > 0.988 Trequency 50 / 60 Hz Type of network 3Ph + N + 6ND Nominal voltage 400 V ~ (± 10 %) (480 V ~ bajo demanda) Electrical characteristics Descrurrent protection Circuit breaker Cock combo 2 JEVS 6105 ~ CHAdeMO; Cable Type 2 (Cable length 3m) Chariging mode Mode 3, 4 No. of charges 3 Mechanical characteristics Size (min) width x height x depth 940 x 1800 x 520 (mm) Envelope Stainless steel Noise < 55 dB Environmental characteristics Protection class IP 54 / IK10 Enables bumidity (without condensation) 59 % Storage temperature 40+60 °C Working temperature 40+60 °C Standards Certifications Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation category CAF III 300 V Standards Electrical safety, Installation, Category CAF III 300 V Standards Electrical safety, Installation, Category Electrical safety, Installation, Category III 300 V Standards Electrical safety, Installation, Category Representation, III 300 V Standards Electrical safety, Installation, Category Representation, III 300 V Standards Electrical safety, Installation, Category Representation, III 300 V Standards Electrical safety, Installation, Category Representation, III 300 V Standards Electrical safety, Installation, Category Representation, III 300 V Standards Electrical safety, Installation, Category Representation, III 300 V Standards Electr	AC power supply	
Power factor	Input intensity	192 A
Frequency 50 / 60 Hz Type of network 3Ph × N + CND Norinal voltage 400 V - (± 10 %) (480 V - bajo demanda) Electrical characteristics Divercurrent protection Circuit breaker Cable: Connector type CCS Combo 2 JEVS G105 - CHAdeMO; Cable Type 2 (Cable length 3m) 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 Slainless steel Noise < 55 dB Environmental characteristics Protection class IP 54 / IKID Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -10 +50 °C Standards Certifications EEC 61851-121EC 61851-23: EC 61851-21-2; CE / Combo-2; CHAdeMO compabble; CCS (DIN 70122; ISD 15118) Electrical safety, Installation category CAT III 300 V Standards EEC 61851-121EC 61851-23: EC 61851-21-2; CE / Combo-2; CHAdeMO compabble; CCS (DIN 70122; ISD 15118) Electrical safety, Installation Relwork Protocol OCP Technology / Type Ethernet 10/100 Base TX (TCP/IP) User interface RFID (Radio-Frequency Identification) ISD / IEC 144434 / B. MIFARE Classic, MIFARE DESFire, MIFARE, DESFire EVI, ISD 1809 2/ ECMa-340 (NFC) 13.56 MHz	Efficiency	95%
Type of network Nominal voltage ### N + CND Nominal voltage #### N + CND ###################################	Power factor	> 0,98
Nominal voltage	Frequency	50 / 60 Hz
Electrical characteristics Overcurrent protection Circuit breaker Cable: Connector type CCS Combo 2 JEVS G105 - CHAdeMO; Cable Type 2 (Cable length 3m) Cable: Connector type 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 / IKID Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -10 +50 °C Standards Certifications IEC 61851-21; IEC 61851-22; 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 1809 / 1809 / IECMA-340 (NFC) 13.56 MHz	Type of network	3Ph + N + GND
Overcurrent protection	Nominal voltage	400 V ~ (± 10 %) (480 V ~ bajo demanda)
Cable: Connector type CCS Combo 2 JEVS G105 - CHAddeM0; Cable Type 2 (Cable length 3m) Charging mode Mode 3, 4 No. of charges 3 Mechanical characteristics Size (mm) width x height x depth Policy of the standards steel Size (mm) width x height x depth Stainless steel Noise Stainless steel Noise Protection class protection cla	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 / 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 Communication Network Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) User interface RRID (Radio-Frequency Identification) ISO / IEC 14443A / B, MIFARE Classic, MIFARE DESFire, MIFARE, DESFire EVI, ISO 1809 2 / ECMA-340 (NFC) 13.55 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 / 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 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 1809 / IEC 618-340 MIC CISS MIC CESSFIRE EV1, ISO 1809 / IECMA-340 (NFC) 13.56 MHz	Cable: Connector type	CCS Combo 2 JEVS G105 - CHAdeM0; Cable Type 2 (Cable length 3m)
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; 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 14442A / B, MIFARE Classic, MIFARE DESFire, MIFARE, DESFire EV1, ISO 18092 / ECMA-340 (NFC) 13.56 MHz	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 61851-23; 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 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 61851-23; 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 61851-2; 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 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	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 EV1, 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 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 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 Communication Network Protocol Technology / Type Ethernet 10/100 Base TX (TCP/IP) User interface RFID (Radio-Frequency Identification) IEC 61851-243 / B, MIFARE Classic, MIFARE DESFire, MIFARE, DESFire EV1, ISO 1809 / JEC 14443A / B, MIFARE Classic, MIFARE DESFire, MIFARE, DESFire EV1, ISO 1809 / JEC 14443A / B, MIFARE ADSFIRE ADSFIRE ADSFIRE EV1, ISO 1809 / JEC 14443A / B, MIFARE ADSFIRE ADSFI	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 61851-23; 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; 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	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: V17332.

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 cable
Network type	Three-phase (AC)

RAPTION 100

Compact ultra-fast recharging stations







Quick outdoor charging station

Code: V17332.

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type
V17310.	RAPTION 100 CCS2	1	150-920 Vcc - 250 A - 100 kW	CCS Combo 2 (FF)	Three-phase
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
V17322.	RAPTION 100 CCS2 T2C32	2	150-920 Vcc - 250 A - 100 kW 400 Vca - 32 A - 22 kW	CCS Combo 2 (FF) Type 2 cable	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
V17323.	RAPTION 100 CCS2 T2S32	2	150-920 Vcc - 250 A - 100 kW 400 Vca - 32 A - 22 kW	CCS Combo 2 (FF) Type 2 socket	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
V17330.	RAPTION 100 CCS2 CHA T2S32	3	150-920 Vcc - 200/250 A - 100 kW 400 Vca - 32 A - 22 kW	CCS Combo 2 (FF) JEVS G105 - CHAdeMO (AA) 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
V17332.	RAPTION 100 CCS2 CHA T2C32	3	150-920 Vcc - 200/250 A - 100 kW 400 Vca - 32 A - 22 kW	CCS Combo 2 (FF) JEVS G105 - CHAdeMO (AA) Type 2 cable	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 1.61/2.0 (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: V17332.

Dimensions



