



## RAPTION 150 HC CCS1

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RAPTION 150 HC CCS1, Outdoor recharge station

Code: V17611.

- > Communications: Ethernet | 4G
- > Output type: 100-920 Vcc - 250 A - 150 kW
- > Connector type: CCS Combo 1 (CC)
- > Grid type: Single-phase
- > No. Sockets: 1
- > Earth leakage protection: Type B

### Description

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**RAPTION 150** chargers are the most advanced charging devices for electric vehicles. They offer the fastest charging times on the market, thus making long journeys in an electric vehicle possible while offering comfortable and intuitive handling to users thanks to their design.

They are perfect for use in electric service stations or charging hubs. They are also the ideal solution for fleets of vehicles that have to remain in service for as many hours a day as possible, such as urban buses.

### Application

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**RAPTION** devices are ideal for public charging, shopping centres, rental companies, vehicle fleets, company car parks, etc.



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Quick outdoor charging station

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### Specifications

#### AC power supply

|                 |                |
|-----------------|----------------|
| Input intensity | 228 A          |
| Efficiency      | 95%            |
| Power factor    | > 0,98         |
| Frequency       | 50 / 60 Hz     |
| Type of network | 3Ph + N + GND  |
| Nominal voltage | 400 V ~ ± 10 % |

#### Electrical characteristics

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| Surge protection (DSP) | Optional: 4-pole transient overvoltage (IEC 61643-11 Class II) |
| Overcurrent protection | Circuit breaker                                                |

#### Mechanical characteristics

|                                  |                       |
|----------------------------------|-----------------------|
| Size (mm) width x height x depth | 470 x 2070 x 380 (mm) |
| Envelope                         | Stainless steel       |

#### Environmental characteristics

|                                          |                |
|------------------------------------------|----------------|
| Protection class                         | IP 54 / IK10   |
| Relative humidity (without condensation) | 5 ... 95 %     |
| Storage temperature                      | -20 ... +60 °C |
| Working temperature                      | -10...+50 °C   |

#### Standards

|                |                                                  |
|----------------|--------------------------------------------------|
| Certifications | CE / Combo-1                                     |
| Standards      | (DIN 70121; ISO15118); IEC 61851-1; IEC 61851-23 |

#### Communication Network

|                   |                                  |
|-------------------|----------------------------------|
| Protocol          | OCPP 1.6 / XML                   |
| 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 |
| LED                                   | Charging indicator and courtesy lighting                                                                         |
| Display type                          | 8" TFT touch screen anti-vandalism display                                                                       |

#### Features / performance

|          |                                                                                                                                        |
|----------|----------------------------------------------------------------------------------------------------------------------------------------|
| Optional | Air-conditioning heater -30 ... +50 °C<br>Vandal-proof protection by mechanical locking of the connector<br>Contactless payment system |
|----------|----------------------------------------------------------------------------------------------------------------------------------------|



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Connection cables 5.5 m

### Protection

|                           |        |
|---------------------------|--------|
| Safety relay type (class) | Type B |
|---------------------------|--------|

### Radio communication

|                   |                       |
|-------------------|-----------------------|
| Technology / Type | 4G / GPRS / GSM Modem |
|-------------------|-----------------------|

### Output 1

|                 |                   |
|-----------------|-------------------|
| Maximum current | 250 A             |
| Maximum power   | 150 kW            |
| Voltage range   | 100 ... 920 Vdc   |
| Connector type  | CCS Combo 1 (CC)  |
| Network type    | Single-phase (DC) |

### Output 2

|              |                   |
|--------------|-------------------|
| Network type | Single-phase (DC) |
|--------------|-------------------|

### RAPTION 150

| CODE             | TYPE                    | No. Sockets | Output type                                                 | Connector type                              | Grid type    |
|------------------|-------------------------|-------------|-------------------------------------------------------------|---------------------------------------------|--------------|
| <b>Dispenser</b> |                         |             |                                                             |                                             |              |
| V17511.          | RAPTION 150 CCS1        | 1           | 100-920 Vcc - 200 A - 150 kW                                | CCS Combo 1 (CC)                            | Single-phase |
| V1752F.          | RAPTION 150 CCS1        | 2           | 100-920 Vcc - 200 A - 150 kW   100-920 Vcc - 200 A - 150 kW | CCS Combo 1 (CC)   CCS Combo 1 (CC)         | Single-phase |
| V1752D.          | RAPTION 150 CCS1 CHA    | 2           | 100-920 Vcc - 200 A - 150 kW   50-400 Vcc - 125 A - 50 kW   | CCS Combo 1 (CC)   JEVS G105 - CHAdeMO (AA) | Single-phase |
| V17611.          | RAPTION 150 HC CCS1     | 1           | 100-920 Vcc - 250 A - 150 kW                                | CCS Combo 1 (CC)                            | Single-phase |
| V1762F.          | RAPTION 150 HC CCS1     | 2           | 100-920 Vcc - 250 A - 150 kW   100-920 Vcc - 250 A - 150 kW | CCS Combo 1 (CC)   CCS Combo 1 (CC)         | Single-phase |
| V1762D.          | RAPTION 150 HC CCS1 CHA | 2           | 100-920 Vcc - 250 A - 150 kW   50-400 Vcc - 200 A - 80 kW   | CCS Combo 1 (CC)   JEVS G105 - CHAdeMO (AA) | Single-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, emergency STOP button, 8" vandal-proof TFT touch screen, data storage, Ethernet communications, 4G communications, OCPP 1.5/1.6 communications protocol, power unit weight: 420 kg, dispenser weight: 115 kg, stainless steel IP54 - IK10 casing, power unit dimensions: 800x1000x2100 mm, dispenser dimensions: 380x470x1867 mm. 3-m cable length (5 m optional).



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## Dimensions

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