

SWARCO

DC RAPTION SERIES

RAPID CHARGING STATIONS FOR ELECTRIC VEHICLES

APPLICATION

The Raption DC chargers are suitable for a wide range of sites, which could be open to the public or have restricted private access. Providing a rapid charge for electric vehicles, the Raption range offers the perfect solution for the likes of shopping centres, airports, urban spaces, service stations, petrol forecourts, fleet depots, taxi ranks, bus depots, and so many more. The Raption chargers enable vehicles to be ready to continue on their journey in anything from 10 to 30 minutes.



CONCEPT DESIGN

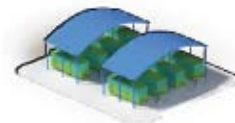
Sophisticated, slim and robust, Raptions are suitable for urban, inter-urban and rural locations. Raption 150's modular architecture allows power scalability from 100 kW to 150 kW. The Raption series has been designed to address the main problems identified by charge point owners, operators and users – those surrounding the speed of charge for today's larger batteries.

PRODUCT HIGHLIGHTS

- Modular power technology
- Product range from 50 kW up to 150 kW
- Raption 150 is also available in 100 kW
- Double frontal key-locked door
- 8" colour antivandal touch screen
- Controller of AC chargers
- Courtesy lights
- Sustained high efficiency level (Lower energy consumption)



Destination



Electric bus










Traffic





DC RAPTION SERIES

GENERAL SPECIFICATIONS

| | |
|-------------------------|--|
| Power Factor | >0,98 |
| Efficiency | 94 % at nominal output power |
| Overcurrent protections | MCB |
| Safety protections | RCD Type B |
| Enclosure rating | IP54 / IK10 |
| Enclosure material | Stainless steel |
| Operating temperature | -10 °C to +50 °C (-30° C with LTK) |
| Display HMI | 8" colour antivandal touch screen |
| Power limit control | DC (Raption 50 also AC by software) |
| Interface protocol | OCPP 1.5 or OCPP 1.6J |
| Operational noise level | < 55 dBA |
| AC Meter | Complies with the EN 50470 (MID European standards) and IEC 62052-11 |

MODEL SPECIFICATIONS

| RAPTION 50 | CCS | CCS T2C32 | CCS T2S32 | CCS CHA | CCS CHA T2C32 | CCS CHA T2C32 | CCS CHA T2C63 |
|------------------------|---|---|---|---|--|---|---|
| Number of plugs | 1 | 2 | 2 | 2 | 3 | 3 | 3 |
| Connection | CCS 2 | CCS 2 Type 2 Tethered cable | CCS 2 Type 2 Socket (Lock system) | CCS 2 - JEVS G105 | CCS 2 - JEVS G105 Type 2 Socket (Lock system) | CCS 2 - JEVS G105 Type 2 Tethered cable | CCS 2 - JEVS G105 Type 2 Tethered cable |
| |  |  |  |  |  |  |  |

| RAPTION 100/150 MODELS | CCS250 | CCS200 CHA125 | CCS250 CHA200 | CCS250 CCS250 |
|------------------------|---|---|--|---|
| Number of plugs | 1 | 2 | 2 | 2 |
| Connection | CCS 2 | CCS 2 - JEVS G105 | CCS 2 - JEVS G105 | CCS 2 - CCS 2 |
| |  |  |  |  |

CUSTOMISATION

DC Raption Series offers a wide frontal surface that can be easily customised.

