

# SIEMENS

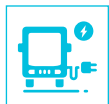


## SICHARGE RC 240

# The **ultrafast-charging** DC public charger

The 240 kW DC public charger comes equipped with 2 x CCS2\* charging cables. It has a higher power rating, is future proof and is capable of ultrafast charging suitable for eBus & eTruck depots and terminals as well as high power public charging requirements.

### Use cases:



eBus depots



eTruck  
terminals



Very high power public  
charging requirements

### Features at a glance:



Dynamic  
power sharing



Future proof



Interoperable



Flexible



Reliable



Robust

# Technical data (IEC)

## SICHARGE RC 240

|                                             |         |                                                             |
|---------------------------------------------|---------|-------------------------------------------------------------|
| Configuration with cable                    |         | Yes                                                         |
| Cable lengths                               | m       | 6                                                           |
| <b>AC nominal input</b>                     |         |                                                             |
| Voltage                                     | V       | 415 ± 10%                                                   |
| Frequency                                   | Hz      | 50                                                          |
| Power factor                                | cos phi | > 0.99                                                      |
| Short-circuit current rating                | kA      | 10                                                          |
| THDi                                        | %       | < 5                                                         |
| <b>DC output</b>                            |         |                                                             |
| Rated power                                 | kW      | 240                                                         |
| Voltage (range)                             | V       | 200 ... 1,000                                               |
| Current of connected cables (max.)          | A       | 250                                                         |
| Efficiency factor $\eta$ (at load 100%)     | %       | ≥ 94.5                                                      |
| <b>Environmental conditions</b>             |         |                                                             |
| Operating environment                       |         | Indoor and outdoor                                          |
| Operating temperature                       | ° C     | -10 ... +50                                                 |
| Operating altitude                          | m       | 2,000 above sea level                                       |
| Relative humidity                           | %       | 5 ... 95 (non-condensing)                                   |
| <b>Mechanical specifications</b>            |         |                                                             |
| Enclosure protection                        |         | IP54                                                        |
| Housing material                            |         | Painted MS                                                  |
| Coating                                     |         | Powder Coating                                              |
| Color                                       |         | Main housing: RAL 1036; roof and base: RAL 7021             |
| Approx. overall dimensions <sup>1)</sup>    |         |                                                             |
| W x D x H                                   | mm      | 800 X 900 X 2080                                            |
| Approx. foundation dimensions <sup>1)</sup> |         |                                                             |
| W x D                                       | mm      | 800 X 900                                                   |
| Approx. weight acc. to configuration        | kg      | 600                                                         |
| <b>General specifications</b>               |         |                                                             |
| Local user interface                        |         | 9.7" touchscreen HMI and status LED                         |
| User authentication and payment             |         | RFID offline and online (optional)                          |
| Network connection                          |         | Ethernet interface; 3G and 4G                               |
| Electric safety device                      |         | MCCB, Fuse, SPD, Earth Fault Relay, etc..                   |
| Operating noise level                       |         |                                                             |
| @ 3 m distance                              | dB(A)   | Up to 62 in normal operation, low-noise mode 50 (optional)  |
| <b>Norms and standards</b>                  |         |                                                             |
| Charging standards                          |         | IEC 61851-1/23/24, ISO 15118 (DIN 70121)2), GB/T 27930-2015 |
| Communication protocol <sup>2)</sup>        |         | OCPP 1.6J, Modbus TCP <sup>2)</sup>                         |

1) With side-by-side positioning

2) For supported functionalities of OCPP, and ISO 15118, please refer to the technical documentation available from your Siemens partner.

## Highlights:



### Dynamic Power Sharing:

Full output of 240 kW in single gun and 120 kW per gun in dual-gun operation



### Future ready:

Compatible with wide range of current & future EVs



### Reliable:

Consistent high performance



### Safe:

Emergency Stop button for easy cut-off

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