SIEMENS

SICHARGE RC 60

The **low footprint** DC public charger

The 60 kW DC public charger comes equipped with 2 x CCS2 charging cables. It is compact, has a low footprint and is future proof making it ideal for use at any public charging points or stations.

Use cases:

- Public charging
- Commercial buildings
- EV dealerships
- Residential societies

Features at a glance:

- Dynamic power sharing
- Interoperable
- Flexible
- Reliable
- Robust
- Lower footprint

Technical data (IEC)

SICHARGE RC 60

Configuration with cable		Yes
Cable lengths	m	5
AC nominal input		
Voltage	V	415 ± 10%
Frequency	Hz	50
Power factor	cos phi	> 0.99
Short-circuit current rating	kA	10
THDi	%	< 5
DC output		
Rated power	kW	60
Voltage (range)	V	200 ...1,000
Current of connected cables (max.)	A	150
Efficiency factor η (at load 100%)	%	≥ 94.5
Environmental conditions		
Operating environment		Indoor and outdoor
Operating temperature	° C	–10 ... +50
Operating altitude	m	2,000 above sea level
Relative humidity	%	5 ... 95 (non-condensing)
Mechanical specifications		
Enclosure protection		IP54
Housing material		Painted MS
Coating		Powder Coating
Color		Main housing: RAL 7035; roof and base: RAL 9005
Approx. overall dimensions[1)]		
W x D x H	mm	650 x 390 x 2050
Approx. foundation dimensions[1)]		
W x D	mm	650 x 390
Approx. weight acc. to configuration	kg	260
General specifications		
Local user interface		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)
Norms and standards		
Charging standards		IEC 61851-1/23/24, ISO 15118 (DIN 70121)[2)]
Communication protocol[2)]		OCPP 1.6J, Modbus TCP[2)]

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 60 kW on one gun and 30 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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Siemens Limited
Smart Infrastructure eMobility
R&D Building, 48, Thane-Belapur Road
Thane 400708, India
For more information, contact toll free 1800 209 1800
siemens.co.in/emobility