

SIEMENS



SICHARGE RC 30

The **compact** DC Wall box charger

The 30 kW DC Wall box charger comes equipped with a single CCS2 charging cable. Its compact shape and form as well as easy-to-understand UI makes it ideal for destination charging at retail outlets, commercial buildings and residential societies.

Use cases:



Destination
charging



Retail outlets



Commercial
buildings



Residential
societies

Features at a glance:



Compact



Interoperable



Easy-to-use



Reliable



Robust

Technical data (IEC)

SICHARGE RC 30

Configuration with cable		Yes
Cable lengths	m	5
AC nominal input		
Voltage	V	400 ± 10%
Frequency	Hz	50
Power factor	cos phi	> 0.99
Short-circuit current rating	kA	10
THDi	%	< 5
DC output		
Rated power	kW	30
Voltage (range)	V	200 ... 1,000
Current of connected cables (max.)	A	80
Efficiency factor η (at load 100%)	%	≥ 94.5
Environmental conditions		
Operating environment		Indoor and outdoor
Operating temperature	° C	-25 ... +45
Operating altitude	m	2,000 above sea level
Relative humidity	%	5 ... 95 (non-condensing)
Mechanical specifications		
Enclosure protection		IP54
Housing material		Painted steel and stainless steel
Coating		Powder Coating
Color		Door: SS; Main housing and Stand: RAL 9001
Approx. overall dimensions ¹⁾		Cabinet: 700 x 250 x 700 Stand: 500 x 255 x 900
W x D x H	mm	
Approx. foundation dimensions ¹⁾		500 x 330
W x D	mm	
Approx. weight acc. to configuration	kg	150
General specifications		
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)
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:



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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