SIEMENS

30kW DC Charger

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)

DC Charger		30C
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)] W x D x H	mm	Cabinet: 700 x 250 x 700 Stand: 500 x 255 x 900
Approx. foundation dimensions[1)] W x D	mm	500 x 330
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, Modbus, 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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