

# 30kW DC Fast Charging Station

## Model: RS 82075 CCAXXA

A small form factor DC charging station designed for parking and residential area.

Single CCS2 connector it provides up to 1000V and up to 100A.

Simple and intuitive charging process using OCPP application, RFID.

Protection for temperature, humidity, overvoltage, undervoltage, overcurrent, missing ground and leakage current.

General characteristics	Parameter	Value/Norm/Standard
AC INPUT	AC Input	3P+N+PE
	Input frequency	45-65Hz
	Rated current	47A
	Grounding system	TN-S
	Power factor	> 0,98
	THD	=< 5 %
	Efficiency	Highest efficiency> 96%, Rated efficiency> 95%
	Residual current protection	DDR 30 mA
DC OUTPUT	Maximum voltage	1000 V
	Maximum current	100 A @ 300 V
	Maximum power	30 kW
CHARGING	Charging capability	Direct current charging for one CCS2 electric vehicle
	Energy measuring	MID Certified AC meter
CABLES	CCS2 Cable	CCS2 connector with cable up to 4.5 meters length
USER AUTHENTICATION	Local user authentication	RFID IEC 14443 A/B; MIFARE classic / NFC 13.56MHz
	Remote user authentication	OCPP 1.6
MANAGEMENT	Local setup	Password protected setup
	Remote setup	Support OCPP 1.6
INTERACTION	Touch screen	7 inch LCD screen
	M ulti-language interface	Customizable, up to 4 languages
	LED indicator	RGB
COMMUNICATION	Wired	10/100 base T - Ethernet
	Wireless	4G/LTE for OCPP communication, optional Wi-Fi 802.11 a/b/g
MECHANICAL	Size (mm) H x W x L	1675 x 507 x 257
	Protection grade	IP54
	Impact resistance	IK10
	Housing material	Galvanized steel, anti-corrosive, category C3 (according to ISO 12944-2) electrostatically painted
	Cooling system	Forced ventilation
	Weight (kg)	90 kg
ENVIRONMENT	Operating temperature	- 30 °C la + 50 °C
	Storage temperature	- 40 °C to + 60 °C
	Humidity	≤ 95 % without condensation

