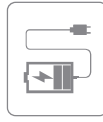


EPCS209

Battery-Integrated DC EV Charger

NEW



Up to 240kW
or 2x120kW fast charging



209kWh
battery capacity



200-1000Vdc
output voltage



Peak shaving
to reduce demand costs

Battery-Integrated DC EV Charger

AC Input	
Grid Voltage	3P+PE, 400 Vac (±15%)
Grid Frequency	50/60 Hz
Rated Power	60 kW
Max. Current	114 A
Power Factor (>50% Load)	≥ 0.99
THDI (>50% Load)	< 5%
Earthing System	TN-S/TT
DC Output	
Output Voltage Range	200 – 1000 VDC
Max. Output Power	240kW or 2x120kW @ On-Grid/190kW or 2x85kW @ Off-Grid
Output Current	Max.300 A
Battery Parameters	
Battery Cell Type	LFP, 314 Ah
Operating Voltage Range	562 – 749 Vdc
Nominal Energy	209 kWh
Depth of Discharge	0 – 95%
Max. Charge/Discharge Rate	0.5 C/1C
Battery Pack Weight / Quantity	351 kg/unit; total 4 units
EV Charging	
Connector Type	Dual (CCS2 + CCS2)
Cable Length	5 m (Standard)
User Interface	
Display	10-inch color touch screen
Support Language	English (Standard) Other languages available by firmware upgrade
User Authentication	Plug & Play / Auto-Charge (Standard) RFID-Card / Debit or Credit-Card (Optional)
Energy Metering	MID-Certified Meter Integrated
Communication Interface	Ethernet / RS485 / 4G
Communication Protocol	OCPP 1.6.JSON, OCPP 2.1 (Can Be Upgraded Later)
General Data	
Dimensions (WxDxH)	1,417 x 1,249 x 2,299 mm
Weight	~2500 kg
Protection Type and Class	IP54; IK10, HMI unit IK8.5
Operating Temperature	-30 °C – +50 °C
Humidity	5% – 95% RH, non-condensing
Altitude	≤2000 m
Cooling Method	Liquid Cooling & Forced Air
Noise (Typical)	≤65dB @ 1m & Nominal load
Installation Method	Floor mounted
Emergency Stop	Yes

*Specifications may be changed without prior notice due to continuous product improvement.