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

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AC Input	
Grid Voltage	3P+PE，400 Vac (±15%)
Grid Frequency	50 / 60Hz
Rated Power	60kW
Max. Current	114 A
Power Factor (>50% Load)	≥ 0.99
THDI (>50% Load)	< 5%
Earthing System	TN-S/TT

DC Output	
Output Voltage Range	200~1000VDC
Max. Output Power	240kW or 2x120kW @ On-Grid190kW or 2x85kW @ Off-Grid
Output Current	Max.300A

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

EV Charging	
Connector Type	Dual（CCS2 + CCS2）
Cable Length	5m (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)	1417mm*1249mm*2299mm
Weight	~2500kg
Protection Type and Class	IP54; IK10, HMI unit IK8.5
Operating Temperature	-30~+50℃
Humidity	5% ~ 95%RH, non-condensing
Altitude	≤2000m
Cooling Method	Liquid Cooling & Forced Air
Noise (Typical)	≤65dB @ 1m & Norminal load
Installation Method	Floor mounted
Emergency Stop	Yes

*As new products, specifications are subject to change without notice.

ENERGY