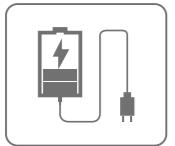


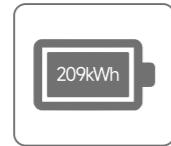
EPCS209

Battery-Integrated DC EV Charger

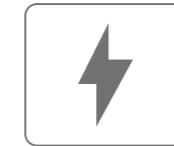
NEW



Up to 240kW
or 2x120kW fast charging



209kWh
battery capacity



200-1000Vdc
output voltage



Peak shaving
to reduce demand costs

EPCS209

Battery-Integrated DC EV Charger

| 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-Grid 190kW 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°C |
| Humidity | 5% ~ 95%RH, non-condensing |
| Altitude | ≤2000m |
| Cooling Method | Liquid Cooling & Forced Air |
| Noise (Typical) | ≤65dB @ 1m & Normal load |
| Installation Method | Floor mounted |
| Emergency Stop | Yes |

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