Battery-supported Ultra-fast Charging

Technical specifications

	All in One 360	All in One 180
General data		
Cycle Life	7000 cycles 80% SOH, or 8 years	
Dimension (W×D×H)	1,530 × 1,260 × 2,430 mm	
Weight	2,700 kg	1,600 kg
Advertisement screen	55'' advertisement screens as optional feature for installing on the left side, right side or both sides.	
Authentication & Payment	RFID card reader, Payment terminals, OCPP Backend App	
Connection	Ethernet / CAN / RS485, 4G / LTE	
SIM card slot	Slots for 3 SIM cards: hardware backend / CPO backend / ad-screen	
OCPP	OCPP 1.6 J, 2.0.1, smart charging	
Operating temperature	-25℃ ~ 50℃	
Noise emission (highest priority)	<55 dB @1 m (35℃)	
IP grade	IP55	
Cooling	Liquid cooling for all power modules and battery	
Protection	Design for corrosion protection, three proofings (moisture-proof, mildew-proof, salt-spray-proof), anti-oxidation and weather-proof.	
Environment	SDS, RoHS, REACH, New battery regulations	
Fire suppression system	Aerosol fire extinguisher	
Certification	LVD: IEC61851-1, IEC61851-23, IEC62477-1 BMS: IEC60730-1 Annex H Battery: IEC62619, IEC63056 EMC class A: IEC61000-6-2/4 CE-RED, CE	
Protective Functions	Overvoltage protection and undervoltage protection on the input side Output short circuit protection Output overvoltage protection Over temperature protection Battery failure protection Insulation ground fault protection	
Electric Data		
Capacity & Cell	189 kWh	92 kWh
AC power supply mode	3-phase + N + PE	
Input AC-voltage	400 V (±10%)	
Input current	Nominal 91 A for each 60 kW bidirectional AC/DC-PCS, Max. 100 A	
Charging connector	2 x CCS2	
Cable management system	5 m cables with cable management or 3 m cables without cable management	
DC-output power EV-charging	360 kW including grid + battery	180 kW including grid + battery
Cable current capacity	375 A continuous for each gun; short term 500 A (15 min)	
Nominal output voltage EV-charging	150 Vdc~1000 Vdc	
AC-output voltage to grid	380 / 400 V ±10%	
AC-output power to grid	≤120 kW	
Calibration	Eichrecht	