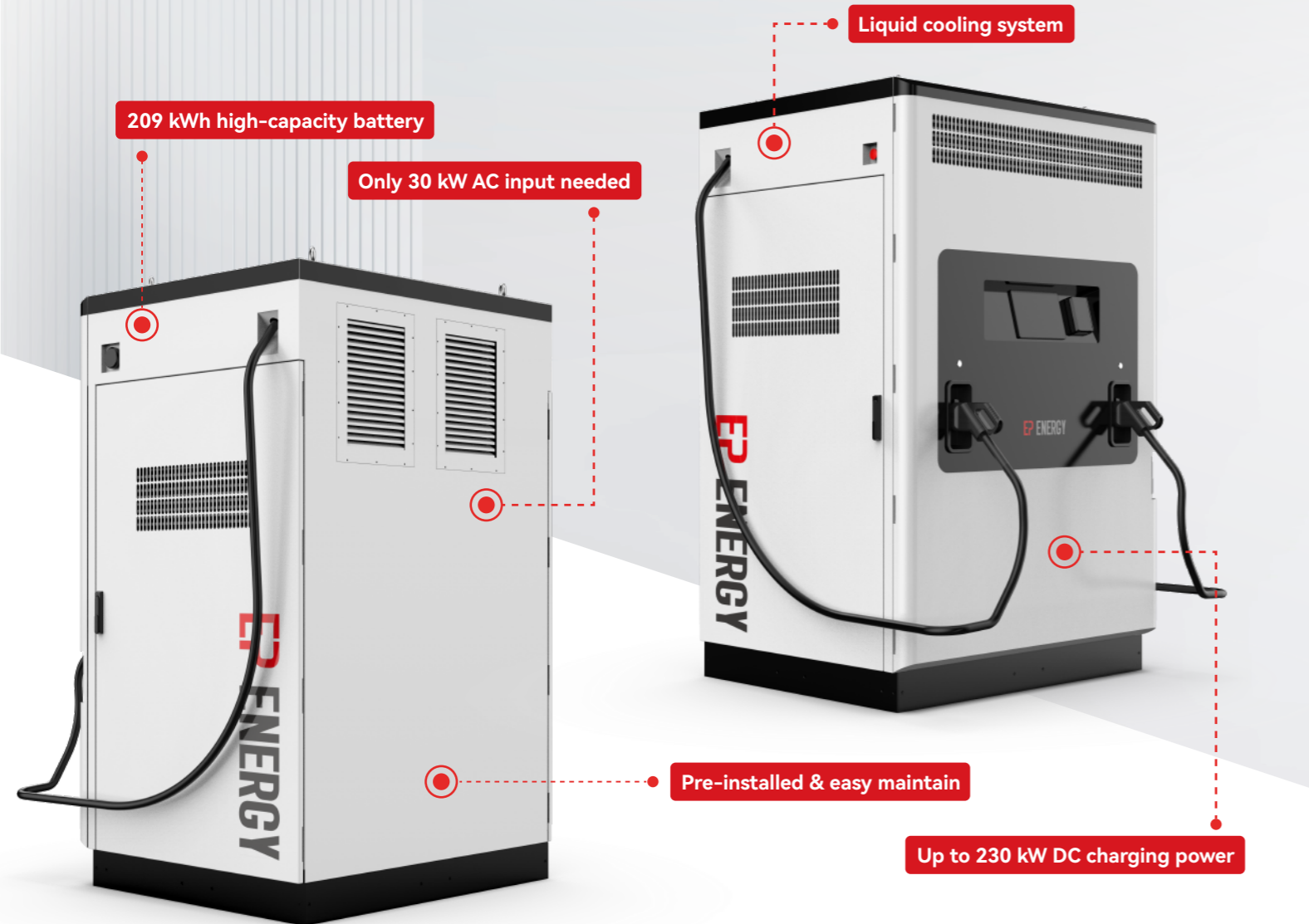


EPPS209

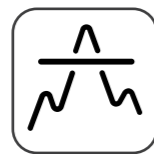


209 kWh Liquid Cooling All-in-One Storage Charging Station



Arbitrage

from Peak & Off-Peak Price Difference



Grid Friendly

by Peak Shaving and Low-input Power output



5 Minutes

of Charging for Over 110 km Range



Total Manage

via Smart Platform and Human Machine Interface

EPPS209

209 kWh Liquid Cooling Storage Charging Station

AC Input Parameters	
Rated Voltage	400 Vac \pm 15%, 3W+N+PE
Rated Frequency	50 (\pm 2.5) Hz
Rated Power	30 kW
Max.Current	65 A
THD-I	<3%
Power factor	0.8 ~ 1

Energy Storage Parameters	
Battery Cell Type	LFP
Nominal Cell Capacity	314 Ah
Nominal Voltage	665.6 Vdc
Operating Voltage Range	562~749 Vdc
Nominal Energy	209 kWh
Depth of Discharge	0 ~ 95%
Max. Charge Rate	0.5 C
Max. Discharge Rate	1 C

DC Output Parameters		
Max. Output Power	Grid	230 kW
	Off-grid	190 kW
	Single connector	200 kW
Charging Connector Type	CCS2 + CCS2	
Output Voltage Range	200 ~ 1,000 Vdc	
Output Current	250A Max	
Output voltage accuracy	\pm 0.5%	
Output current accuracy	\pm 1%	
Output start time	3 ~ 8 s	

General Parameters		
Operating Temperature	-20 ~ 50°C	
Storage Temperature	-30 ~ 70°C	
Humidity	20~80%RH, No Condensation	
Altitude	\leq 2,000 m, Derating Above 2,000 m	
Anti Corrosion Grade	C4	
IP Rating	Cabinet	IP55
	Battery Pack	IP65
Thermal Management Mode	Liquid Cooling & Forced Air	
Dimensions	1,412 mm*1,205mm*2,247mm	
Weight	22,000 kg	