

Battery-integrated DC Fast EV Charger



ZOE Energy Storage, a pioneer in integrating investment, operation of energy storage stations, and the R&D, manufacturing, and sales of energy storage systems, has its global headquarters in Shanghai. With its R&D center in Jiangsu and joint laboratories established with top universities and international institutions, ZOE advances the development and application of energy storage technology. The company operates 14GWh intelligent energy storage factories in Jiangxi and Sichuan and has established the ZOE Digital Center in Shanghai. Leveraging outstanding R&D capabilities and innovative approaches, ZOE delivers both standardized and tailored energy storage solutions, bridging grids and scenarios for organized electricity use and balanced loads. As a subsidiary of the ZOE Energy Group, ZOE Energy Storage contributes to the group's overarching mission. Founded in 2013, ZOE Energy Group is a high-tech enterprise dedicated to the development, investment, and management of new energy projects. Targeting carbon neutrality, the Group has developed 23 utility-scale solar projects with a combined capacity of 3.53GW and is progressing with wind, photovoltaic projects of 1.23GW. With a cumulative investment exceeding \$4.4 billion, the Group has realized an annual compound growth rate of 183%, underscoring its commitment to sustainable energy development.

Basic Parameter

Model	218kWh/180kW
Payment system	RFID, mobile, credit card
Communication	OCPP1.6J/2.0

Energy-Storage-System Parameter

Battery capacity	218kWh (LFP)
Rated voltage	DC768V
Operating voltage range	DC672V~864V
Battery charge and discharge rate	1C
Battery cooling and heating	Liquid-cooled, Liquid-heated
Fire suppression system	Aerosol

EV Charger Parameter

Connectors	2
Max.recharge power	DC Max.180kW
Cable	300A, 5m, CCS2
Charging voltage	300-1000V
Cable cooling	Air-cooled

Grid Charging Parameter

Grid voltage range	3W/N+PE 400Vac (-20%~+15%)
Grid charging power	105kW
Grid maximum charging power	110kW
Rated grid frequency	50/60Hz
Total harmonic distortion rate of current	≤3% (full load)
Power factor	-0.99 ~ +0.99

Environment Parameter

Operating temperature (°C)	-20 ~ +50
Ambient temperature (°C)	-30 ~ +60
Humidity	≤95%
Altitude	≤2000m
Protection degree	IP54



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