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ChargerCruiser

Mobile Energy Storage System

ChargerCruiser-200kWh

ChargerCruiser is a mobile energy storage system designed for industrial, commercial, construction, and emergency power scenarios. Powered by a 200 kWh liquid-cooled LFP battery, it provides reliable 100 kW continuous output with excellent thermal stability for long-duration use. With dual-voltage 400 V/230 V support, it integrates easily with grid, solar, or diesel generators, forming quiet, fuel-saving hybrid systems. Its liquid-cooling system and IP54 protection enable stable operation in harsh environments, while the standardized mobile design makes it ideal for rapid deployment, temporary sites, and backup power needs. Multiple units can be connected in parallel to scale up to MW-level capacity, reducing operating costs and enhancing energy resilience.

- 200 kW Continuous Output
- 200 kWh Liquid-Cooled LFP Battery
- Mobile, Rapid-Deployment Design
- Multi-Source Hybrid Integration (Grid / Solar / DG)
- Low-Noise, Fuel-Saving Power
- IP54 & -20°C to 60°C Operation
- Scalable to MW-Level Capacity
- Up to 40% Energy Cost Savings



Overall IP54
Dustproof & Waterproof



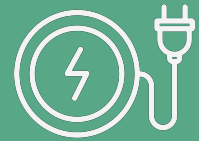
-20~60°C
Intelligent cooling



Multi-Source Integration
(Grid/Solar/DG)



200kWh LFP
Capacity



200kW
Rated Power



400V/230V
Voltage Flexibility

Specification Sheet



Category	Item	Parameters
Battery	Capacity	200kWh
	Cell Type	LFP, >5000 Cycles
	Rated Power	200kW
Electrical parameters	Electrical Connection	3W+N+PE
	Grid-tied Frequency	50Hz (±2%) /60Hz(±2%)
	AC rated voltage	400V
	AC input	400V125A; 230V63A
	AC output	400V: 125A, 63A, 32A, 16A 230V: 16A, 10A
	CCS2 Input&Output	Optional. max 250A
	Overload Capacity	110% long term, 130% 30s, 150% 3s
Others	Thermal management	Liquid cooling
	Communication Interfaces/Protocols	CAN/RS485/MODBUS TCP
	ATS/STS/MPPT	Optional
	Anti-corrosion Rating	C4
	Protection Degree	> IP54
Size-Weight	Dimensions(L*W*H)	2300*1320*1250mm
	Weight	2800kg

Use Case Highlights



Road construction



Construction Sites



Events