

Innovation-Driven

■ Innovation Leadership

With 100+ engineers and 260+ patents, ENEROC develops self-designed BMS and communication systems, delivering reliable performance you can trust.


100+
patents


260+
engineers



■ Certified Reliability

SGS-certified lab with 300+ tests guarantees safety, durability and consistent excellence under extreme conditions.



■ Intelligent Manufacturing

Automated production lines deliver consistent quality and efficient output, keeping your vehicles powerful, dependable, and worry-free on every journey.



CATL



ENEROC

Global Leader in Lithium-ion Battery Solutions

Established in 2018 and headquartered in Hangzhou, China, ENEROC specializes in the R&D, manufacturing, and sales of lithium batteries, BMS, chargers, motors, and controllers. We are committed to driving the energy revolution forward and empowering every vehicle with advanced, reliable, and efficient solutions.

+81 400-079-2201
sales@eneroc.com.cn
No.308 Gao'erfu Road Fuyang District, Hangzhou China



Follow us on LinkedIn

ENEROC



Eneroc New Energy Technology
Truck Parking Lithium Power Solution

ENEROC

Product Specifications

Model	PC250	PC300
Energy (kWh)	4.5	5.2
Capacity (Ah)	173	200
Nominal Voltage (V)	25.76	25.76
Cell Brand	CATL	
Max Continuous Charging Current (A)	150	
Max Continuous Discharging Current (A)	150	
Max Starting Current (A)	2000	
Operating Temperature	-35°C~60°C	
Low Temperature Heating	Bluetooth wireless pre-heating	
Battery Thermal Management	Intelligent heating and insulation during charging and discharging	
Bluetooth	Battery status monitoring One-click emergency start One-click storage mode	
4G	Real-time remote battery monitoring GPS positioning OTA upgrade	
Load Dump Protection	Integrated supercapacitor module to absorb abnormal high voltage from load dump and prevent vehicle electrical damage	
Smart Power-Saving Mode	Automatically enters power-saving mode when idle for extended periods	
Balancing Function	Charging balance	
Short-Circuit Protection	Equipped with short-circuit detection and protection functions	
Base Dimensions (L×W, mm)	474×214	454×217
Overall Dimensions (L×W×H, mm)	520×260×228	500×263×265
IP Rating	IP67	
Standards Compliance	GB 38031-2025 Safety Requirements for Traction Battery of Electric Vehicles GB/T 31484-2015 Cycle Life Requirements and Test Methods for Traction Battery of Electric Vehicles	



PC250



PC300

Product Specifications

Model	PC400	PC500
Energy (kWh)	6.5	8
Capacity (Ah)	250	302
Nominal Voltage (V)	25.76	25.76
Cell Brand	CATL	
Max Continuous Charging Current (A)	150	
Max Continuous Discharging Current (A)	150	
Max Starting Current (A)	2000	
Operating Temperature	-35°C~60°C	
Low Temperature Heating	Bluetooth wireless pre-heating	
Battery Thermal Management	Intelligent heating and insulation during charging and discharging	
Bluetooth	Battery status monitoring One-click emergency start One-click storage mode	
4G	Real-time remote battery monitoring GPS positioning OTA upgrade	
Load Dump Protection	Integrated supercapacitor module to absorb abnormal high voltage from load dump and prevent vehicle electrical damage	
Smart Power-Saving Mode	Automatically enters power-saving mode when idle for extended periods	
Balancing Function	Charging balance	
Short-Circuit Protection	Equipped with short-circuit detection and protection functions	
Base Dimensions (L×W, mm)	475×355	439×379
Overall Dimensions (L×W×H, mm)	520×400×210	484×424×228
IP Rating	IP67	
Standards Compliance	GB 38031-2025 Safety Requirements for Traction Battery of Electric Vehicles GB/T 31484-2015 Cycle Life Requirements and Test Methods for Traction Battery of Electric Vehicles	



PC400



PC500

Why Choose ENEROC Lithium Batteries

One-Touch Start
Intelligent Power Protection



Powerful Performance

Supports up to 2000A instant discharge current, effortlessly starting various heavy-duty trucks.



Smart Power Management

Intelligent power-saving strategies ensure reliable vehicle startup even under extreme operating conditions.



Smart Connectivity

Integrated 4G and Bluetooth communication modules enable real-time monitoring and efficient intelligent management of vehicle systems.



Applications



Medium- and Heavy-Duty Long-Haul Trucks