

Palmer Mega 417

Palmer Energy Technology Ltd



Safety Technology

A+grade lithium iron phosphate
Multi-level fuse design with sequential protection
Built-in package-level and rack-level gas aerosol fire extinguishing system



Easy to Install and Use

Highly integrated for ease of transportation, installation and deployment
Modular design with flexible system capacity configuration



More Reliable

The system is rigorously designed and tested to operate stably under various conditions
Equipped with protections against overcharge, over-discharge, and over-temperature to prevent accidents



Energy Management System

Emergency power supply
Peak shaving
Demand mitigation
Self-consumption
Micro-grids
Price arbitrage



Compliance

IEC/EN 62619, IEC/EN 61000, UN38.3, MSDS

Model	SC417L
BatteryData	
Nominal Energy	417.9 kWh
Nominal Voltage	1331.2V
Battery model	SC52T08-314
Battery Chemistry	Lithium Iron Phosphate(LiFePO4)
Cycle Life	≥8000cycles(@25°C,0.5p/0.5p)
Cell Specification	3.2V/314Ah
Battery Pack Energy	52.2kWh
String Configuration	1P416S
Number Of Racks	1
Operating Voltage	1164.8V - 1497.6V
Rated Charging Power	208kW
Rated Discharging Power	208kW
Safety	
Fire Suppression System	Aerosol fire extinguishing
General	
Dimension(W x D x H)	1308 × 1552 × 2380mm
Weight	≤3600kg
IP Rating	IP54
Cooling Method	Liquid cooling
Operating Temperature	-25°C - +55°C
Storage Temperature	-30°C - +60°C
Relative Humidity	15% - 90%(Non-condensing)
Altitude	≤3000m
Communication	LAN/CAN/RS485
Compliance	IEC/EN 62619, IEC/EN 61000, UN38.3, MSDS

*The actual product may have slight differences from some promotional videos or pictures. Please refer to the actual product.
 Unless otherwise specified, the data on this page are all from our company's laboratory. The data may have errors due to changes in the objective environment.
 *The specifications are subject to change without prior notice.

