LIFEPO4 BATTERY

Lithium iron phosphate battery

Internal BMS | A+ Prismatic Cell | lighter weight | High stability | 20+ Years life time | Environmental protection

Technical Specification

LifePo4 Battery

Model Number	150Ah	200Ah	300Ah
Rated Capacity	150Ah	205Ah	306Ah
Nominal Voltage	12.8V		
Discharge Termination Voltage	10V		
Charge Cut-off Voltage	14.6V		
Internal Resistance	≤18mΩ		
Standard Charge	Constant current 0.33CsA charge to 14.6V, then constant voltage 14.6V to current below 0.05CsA cutoff.		
Standard Discharge	Constant current 0.2CsA discharge to 10V		
Fast Charging	A constant current of 1.0CsA charges to 14.6V, and then a constant voltage of 14.6V is applied until the current drops below 0.05C_sA.		
Rapid Discharge	Constant current 1.0CsA discharge to 10V		
Maximum Continuous Charging Current	150A	200A	300A
Maximum Continuous Discharge Current	150A	200A	300A
Discharge Pulse Current	187A	254A	381A
Operating Temperature Range	Charge: 0~55℃ Discharge: -20~55℃		
Energy Expansion	Supports up to 2 units in parallel Supports up to 4 units in series		
Protection Class	IP65	IP20	IP20
Combinatorial Approach	4S1P		
Communication Function	bluetooth		
Working Method	Used individually or in parallel		

1.This is an optional feature only supported in certain models, please contact DEMUDA for more information.

2.For all standards refer to the certificates category in the DEMUDA website.