

Lithium Iron (LiFePO₄) Battery

Features

Longer Cycle Life : Offer up to 10 times longer cycle life and five times longer float/calendar life than lead acid battery, helping it minimize replacement cost and reduce total cost of ownership.

Lighter Weight : About 40% of the weight of a comparable lead acid battery. A'drop in' replacement for lead acid batteries.

Higher Power : Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.

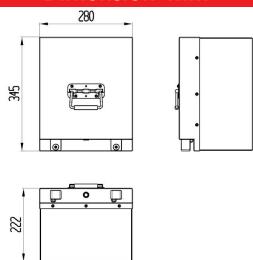
Wider Temperature Range : -20~60°C

Superior Safety : Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.

ALFP-24100(25.6V 100Ah)



Dimension-mm



Application

- Cleaning vehicle
- Floor sweeping truck

Specification

Basic Parameters	Rated Voltage	25.6V
	Rated Capacity	100Ah
	Rated Energy	2560wh
	Combination Method	8S1P
	Cycle Life	≥3000 cycles @80%DOD
	Self Discharge	1%/months
	Efficiency of Charge	≥97%
	Efficiency of Discharge	≥98%
Charge	Charge Voltage	28.8V
	Charge Current (Recomm.)	30A
	Charge Current (Max.)	50A
Discharge	Discharge Cut-off Voltage	20.0V
	Discharge Current (Max.)	120A
	Pulse Current	150A (3s)
Environmental	Charge Temperature	0°C to 45°C
	Discharge Temperature	-20°C to 60°C
	Humidity	5% to 95%
Physical Characteristics	IP Class	IP54
	Plastic Case	Metal
	Dimensions (in. /mm.)	345*280*222mm
	Weight (lbs. /kg.)	24kg
	Others(optional)	Recharger,Electric meter