

Lithium Iron Phosphate(LiFePO₄) Battery

665.6V280Ah



Features Of LiFePO₄ Battery

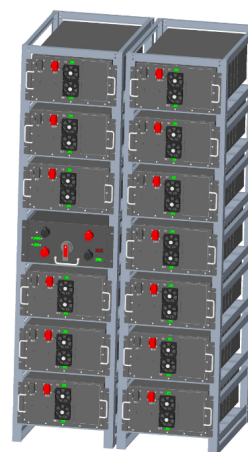
Longer Cycle Life: Offers up to 10 times longer cycle life and five times longer float/calendar life than lead acid battery, helping it minimize replacement cost and reduce total cost of ownership.

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.



Specification

Electrical Characteristics	Nominal Voltage	665.6V
	Nominal Capacity	280Ah
	Nominal Energy	186.368KWh
	Combination Method	208S1P
	Cycle Life	≥3500 cycles
	Months Self Discharge	1%/Month
	Efficiency of Charge	≥97%
	Efficiency of Discharge	≥98%
Standard Charge	Recommended Charging Voltage	738.4V
	Recommended Charging Current	92.4A
	Max. Charging Voltage	748.8V
	Max. Charging Current	140A
Standard Discharge	Recommended Discharging Current	140A
	Max. Discharge Current	280A
	Discharge Cut-off Voltage	603.2V
Environmental	Charge Temperature	0°C ~ 55°C
	Discharge Temperature	-20°C ~ 60°C
	Storage Temperature	0°C ~ 40°C
Other	IP Class	IP30
	Plastic Case	Metal
	Dimensions (in. /mm.)	600*790*1800mm
	Weight (lbs. /kg.)	≈1550±50kg
	Others (optional)	Modbus communication, LCD display