



Specification of 3.2V 280Ah LiFePO4 Battery



Application:

Engine starting battery, electric bicycle/motorcycle/scooter, golf trolley/carts, power tools... Solar and wind power system, RV, caravan... Back-up system and UPS... Torch LED light emergency light.

No	Item		Parameter Specification
1	Nominal Capacity		280Ah
2	Nominal Voltage		3.2 V
3	Internal Resistance		≤0.18mΩ
4	Charging(CC-CV)	Continuous Charging Current	1C
		Maximum Charging Current	3C
		Charging Upper Limit Voltage	3.65V
5	Discharging	Continuous Discharging Current	1C
		Maximum Discharging Current	3C
		Discharging Cut-off Voltage	2.5V
6	Recommended SOC Usage Window		SOC: 10%~90%
7	Operation Thermal Ambient	Charging	0°C ~ 65°C
		Discharging	-35°C ~ 65°C
8	Storage Thermal Ambient	Short-term (within 1 month)	-20°C ~ 65°C
		Long term (within 1 year)	-20°C ~ 55°C
9	Storage Humidity		< 70%
10	Battery Weight		Around 5.51kg
11	Shell Material		Aluminum
12	Cell Dimensions		207 x 174 x 71 mm

