



Specification of 3.2V 280Ah LiFePO4 Battery



Features:

1. Widely used in Energy Storage System, EV, UPS and so on.
2. Excellent performance,
3. High stability
4. Long life time.

No	Item		Parameter Specification
1	Nominal Capacity		280Ah
2	Nominal Voltage		3.2 V
3	Internal Resistance		≤0.25mΩ
5	Charging(CC-CV)	Continuous Charging Current	1C
		Maximum Charging Current	3C
		Charging Upper Limit Voltage	3.65V
6	Discharging	Continuous Discharging Current	1C
		Maximum Discharging Current	3C
		Discharging Cut-off Voltage	2.5V
8	Recommended SOC Usage Window		SOC: 10%~90%
9	Operation Thermal Ambient	Charging	0°C ~ 55°C
		Discharging	-20°C ~ 55°C
10	Storage Thermal Ambient	Short-term (within 1 month)	-20°C ~ 45°C
		Long term (within 1 year)	0°C ~ 35°C
11	Storage Humidity		< 70%
12	Battery Weight		5.22 ± 0.2kg
13	Shell Material		Aluminum
14	Cell Dimensions		204.8*173.6*72mm





Appendix: battery product performance curve

Fig.1 C-rate curve

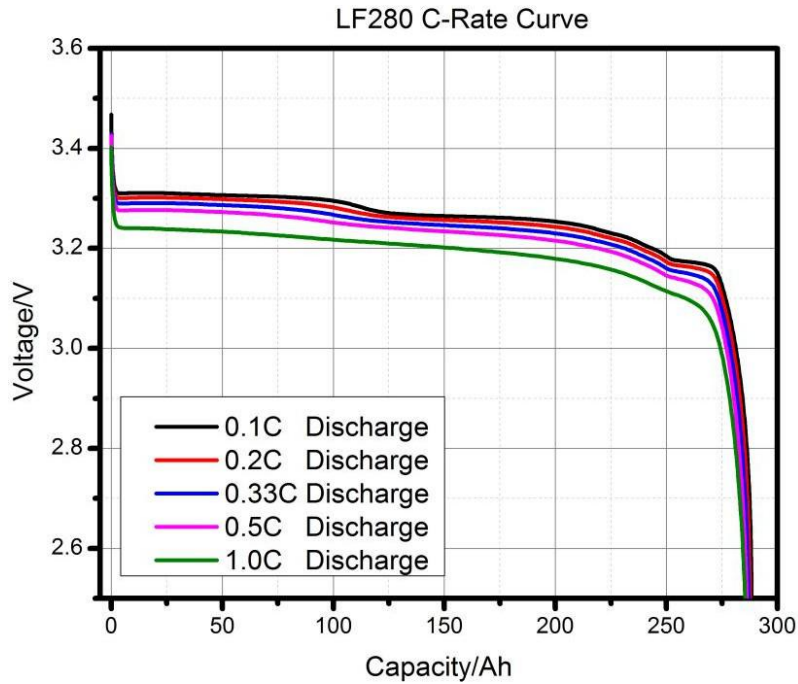


Fig.2 Different temperature discharge curve

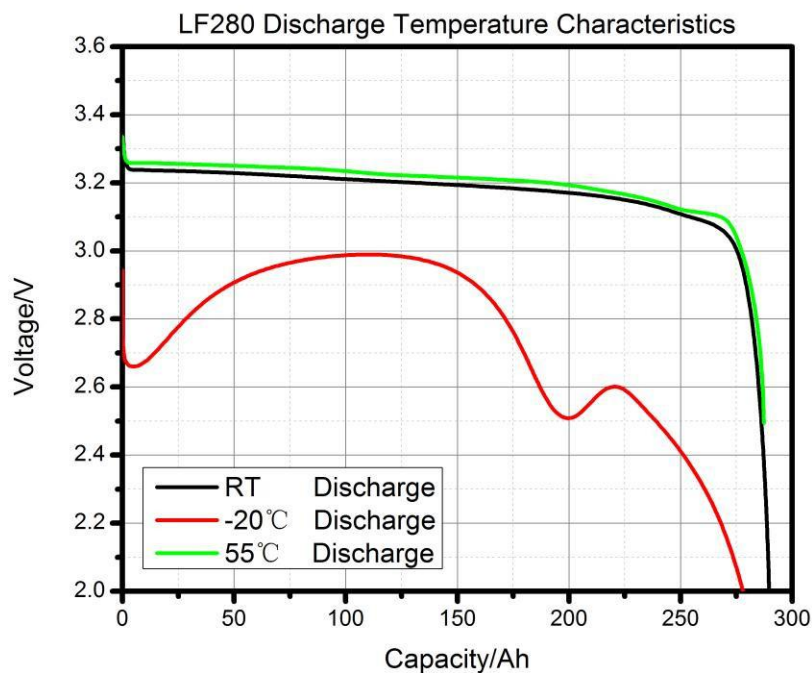




Fig.3 Cycle

