
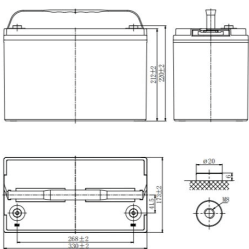


Lithium Iron Phosphate (LiFePO4) Battery

LFP12.8-135-BT		12.8V135AH	1728Wh
Features of LiFePO4 Battery Longer Cycle Life LiFePO4 batteries would be is five times than SLA batteries on cycle life High Power & Light weight LiFePO4 batteries performance twice power of SLA batteries, while half weight helpful for transport and installation Intelligent management control Intelligent BMS system covered by LFP batteries to ensure that batteries work on safety and perfect condition Lower Self-discharge rate Lower Self-discharge rate to guarantee LFP batteries be stored more longer than SLA batteries			
Physical Dimension 		Applications <ul style="list-style-type: none"> •Caravan, RV, camping •UPS (replacement of SLA batteries) •Marine, golf cart • Solar, wind system • PV ,solar light 	
Electrical Characteristics	Chemistry	LiFePO4	
	Nominal Voltage	12.8V	
	Nominal Capacity	145Ah (C10,25°C)	
	Energy	1856Wh	
	Internal Resistance	≤12 mΩ	
	Cycle Life	>2000 cycles @1C 100%DOD	
	Months Self Discharge	<3%	
	Efficiency of Charge	100% @0.5C	
Standard Charge	Efficiency of Discharge	96-99% @1C	
	Charge Voltage	14.6±0.2V	
	Charge Mode	0.2C to 14.6V, then 14.6V,charge current to 0.02C (CC/CV)	
	Charger Current	67.5A	
	Max. Charge Current	135A	
Standard Discharge	Charge Cut-off Voltage	15.6V±0.2V	
	Rated Discharge Current	67.5A	
	Max Discharge Current	135A	
	Max. Pulse Current	405A(<3s)	
	Discharge Cut-off Voltage	10V	
	Charge Temperature	0 °C to 45 °C (32Fto 113F) @60±25% Relative Humidity	
	Discharge Temperature	-20 °C to 60 °C (-4F to 140F) @60±25% Relative Humidity	
	Storage Temperature	0 °C to 40 °C (32Fto 104F) @60±25% Relative Humidity	
Mechanical	Water Dust Resistance	IP65	
	BMS	4S/4P - Power Lithium Bluetooth	
	Plastic Case	ABS	
	Dimensions (in./mm.)	330 x173 x 212 mm	

Weight (lbs./kg.)	14.5kg(31.90lbs)
Terminal	M8

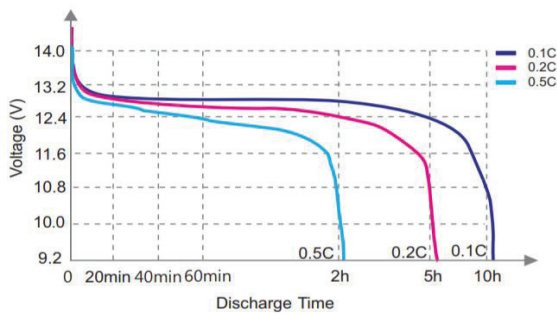
POWER LITHIUM BATTERIES

Lithium Iron Phosphate (LiFePO4) Battery

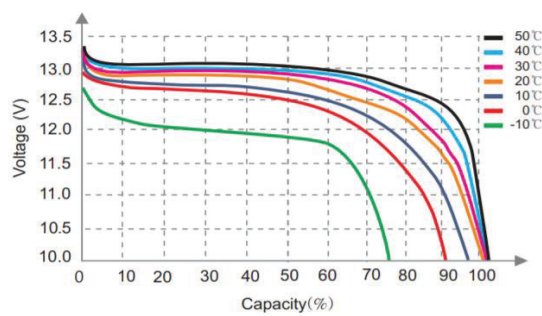
LFP12.8-135-BT

12.8V135AH 1728Wh

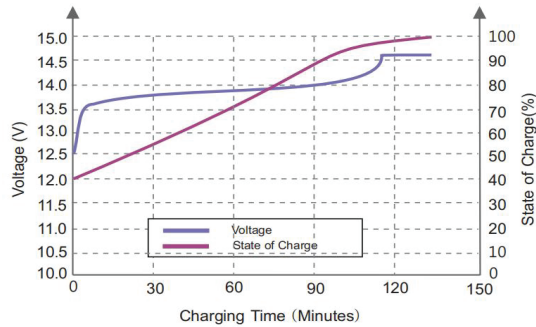
Different Rate Discharge Curve(25°C)



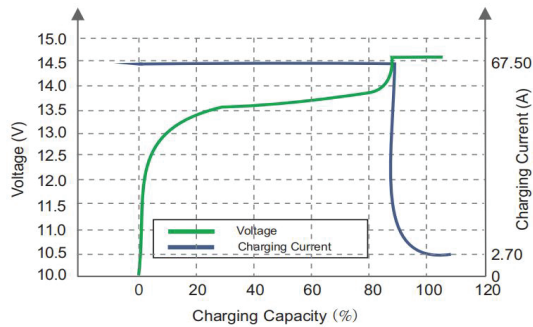
Different Temperature Discharge Curve(0.5C)



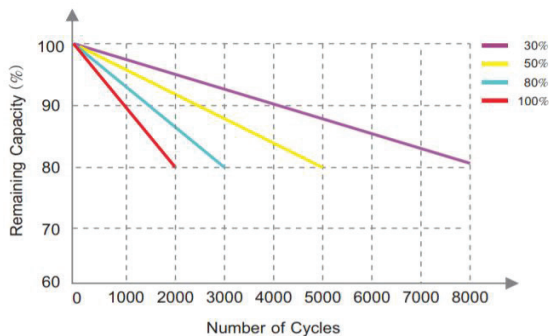
State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

