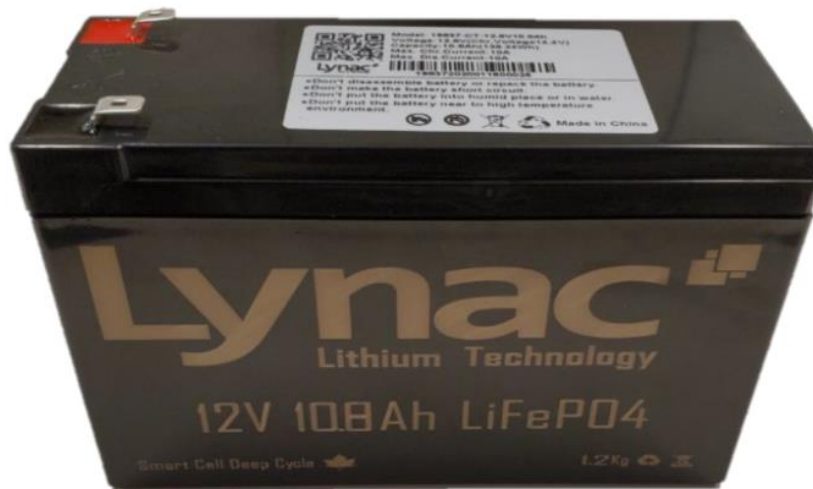


Data Sheet



12.8V 10.8Ah LLT

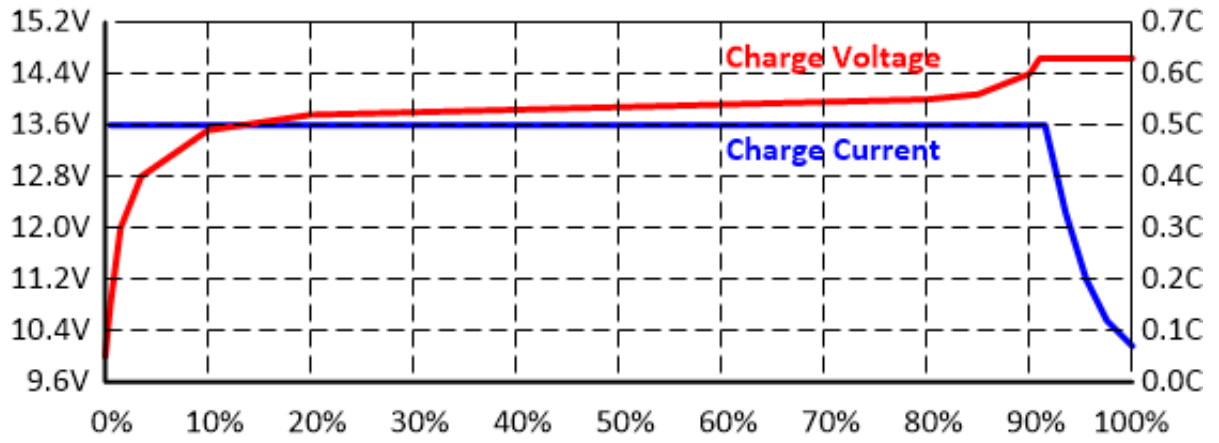


Deep Cycle Battery

Our 10.8Ah option boasts a full protective BMS with hard case and sealed Tab Quick Connectors. Weighing only 1.2kg, it is great for portable fishing electronics, HAM radio, power packs and fun! 12V 10Ah in shrink wrap is still available for DIY projects.

Model	12.8V 10.8Ah LLT	
Electrical Properties	Nominal Voltage	12.8V
	Rated Capacity	10.65Ah @ (0.2C) (25°C)
	Energy	138.24Wh
	Internal Resistance	<150mΩ
	Cycle Life	≥ 2000 @ 0.2C (100% DOD)
≥ 3200 @ 0.2C (80% DOD)		
≥ 5000 @ 0.2C (50% DOD)		
Battery Management System	Type	4 Series - 15A
	Protection	Current, Voltage, Short
	Features	Internal Cell Balancing, Series/ Parallel Enabled
Charging Characteristics	Voltage	14V - 14.4V, Cut-out 14.6V
	Mode	CC - CV, (0.2C to 14.4V) - (14.4V to 0.01C)
	Optimal Current	2.16A (0.2C)
	Max Cont. Current	10A (≤ 5min) (1C)
Discharging Characteristics	Optimal Current	2.16A (0.2C)
	Max Cont. Current	10A (≤ 5min) (1C)
	Max Inst. Current	15A (≤ 5s) (1.5C)
	Cut-Out Current	25 - 35A (≤ 20ms) (3C)
	Cut-Out Voltage	~ 10.0V (100% DOD)
Temperature	Charge	0°C to 45°C
	Discharge	- 20°C to 55°C
	Storage	-20°C to 55°C
Physical Properties	Cells	Lithium Iron Phosphate - LiFePO4 – LFP 4S3P IFR26650 3.2V 3600mAh
	Case Material	ABS
	Dimensions	L 151 × W 65 × H 94mm (6 x 2.6 x 3.7")
	Weight	1.2kg (2.65lbs)
	Terminal	6.35mm (0.250") Tab
Note: All Power specifications listed correspond to Direct Current (DC) - Vdc, Adc. DOD (Depth of Discharge). C (Capacity). CC - CV (Constant Current - Constant Voltage). A (Amps). V (Volts). W (Watts). Ω (Ohms). BMS (Battery Management System)		

LiFePO4 Standard Charge Profile, Constant Current - Constant Voltage





2400 Nipigon Rd, Thunder Bay ON

1.807.472.6630

LynacLithium.com

[@LynacLi](#)