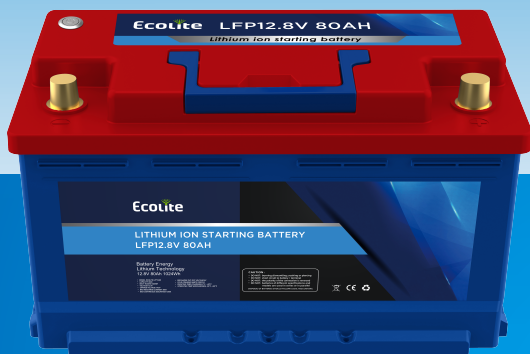




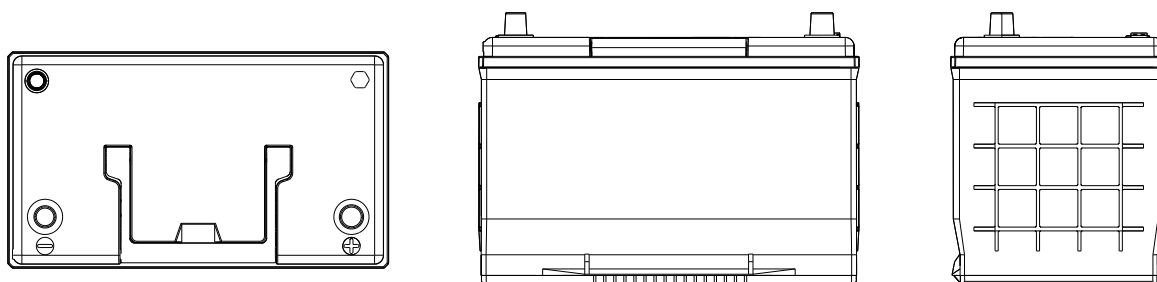
Lithium iron phosphate starter battery



PERFORMANCE

Low self discharge: <2% / month
High working voltage: >12.8V
High current starting capacity: 30C
Fast charging: About 1hr full charge
Light weight: Primary lead-acid battery 1/2
Long service life: >2000 Cycles
Built in BMS with self balancing function
Wide temperature range
Maintenance free
Environment protection

LFP12-801500(12.8V80Ah)



■ Specifications

Electrical Parameters	
Nominal Voltage	12.8V
Rated Capacity	80Ah
Energy	1024Wh
Resistance	≤12mΩ
Efficiency	≥98%
Cycle Life(1C,80%DOD,25℃)	>2000cycles
Self Discharge	<2% per Month
Cell in Series/Parallel	4S/4P

Mechanical Parameters	
Dimension(WxD×H)	306x174x200/220mm
Dimension(WxD×H)	12.05x 6.85x 7.87/8.66"
Weight	11.5kg
Terminal Type	Post
Battery Housing	ABS
Housing Protection	IP65
Cell Type-Chemistry	LiFePO4 Cell
Communication	/

Discharge Parameters	
Continuous Discharge Current	200A
Pulse Discharge Current	1200A (≤1S)
CCA(Tested by DY-2015)	1200CCA
BMS Discharge Cut-off Voltage	8V
Reconnect Voltage	9.2V

Charge Parameters	
Charge Method	CC-CV
Charge Voltage	14.2~14.4V
Recommended Float Voltage	13.5~13.8V
Recommended Charge Current	40A
Maximum Charge Current	100A
BMS Charge Cut-off Voltage	15.6V

Temperature Parameters	
Discharge Temperature	-20℃ to 60℃
Charge Temperature	0℃ to 55℃
Storage Temperature	0℃ to 35℃
BMS High Temperature Cut-off	65℃