


Features of LiFePO4 Type Lithium Automotive Batteries

- For start & traction applications
- Extremely high start current
- Display for monitoring
- On / OFF button - low self-discharge
- Fast recharge
- Active BMS
- 5000 cycles (50% DOD)
- Vibration tested
- Operating temperatures between -20 °C - + 90 °C
- Can be connected in series (24 volts)
- 3 years warranty

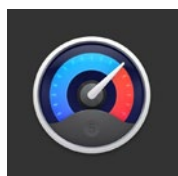


LiFePSpecification

Model no.	Xli 12-80
Normal Voltage	12.80V
Technology	LiFePO4 (Cell Type - Chemistry)
Capacity (C5)	80Ah
CCA	1 600A
Terminals	
Dimensions mm	352*174*190-190 (Including terminal height)
On/Off button & display	Included
Net Weight	9.80kg
Guarantee	3 years
Cycle life	
80% DOD	2 500 Cycles
70% DOD	3 000 Cycles
50% DOD	5 000 Cycles
Charge	
Charge voltage	14.20V-14.60V
Float charge voltage	13.5V
Max charge current	80A
Recommended Charge Current	≤ 40A

Battery management system settings	
Discharge voltage cut-off	8.0V
Charge voltage cut-off	15.60V
Discharge current cut-off	300A
Instant discharge cut-off	1 800A
Capacity	
Normal capacity @25°C	80Ah
Normal capacity @0°C	64Ah
Normal capacity @-25°C	40Ah
Normal energy @25°C	1 024Wh
Discharge	
Max.constant discharge current	160A
Recommended constant discharge current	≤ 80A
Recommended Low Voltage disconnected	11.00V
Operation conditions	
Operating temperature	-20°C to 90°C
Storage temperature	-45°C to 70°C
Humidity (non-condensing)	Max. 95°C
Protection Class	IP 55

LiFePO4 Type Lithium Automotive 3 Batteries



Unique & Strong functions

- 3 times higher discharge rate than lead acid batteries.
- Ultra Strong ignition ability
- Improvement on fuel efficiency
- Enhance the brightness of vehicle lights
- Improvement on sound effect
- Multifunctional BMS inside
- Digital & Real-time monitoring voltage display



Ultra Long lifespan & Convenient installation

- 10 times longer lifespan than lead acid batteries
- No more battery replacement for vehicles if with this battery inside
- Much lighter: Only 30% of the lead acid battery weighty



Strong lowtemperature resistance

- Normally start the vehicles if ambient temperature is under minus 20 degree Celsius
- Never worry about breakdown when driving
- You can have an easy travelling with the battery inside your vehicles