


### Features of LiFePO4 Type Lithium Automotive Batteries

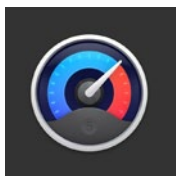
- For start & traction applications
- Extremely high start current
- Display for monitoring
- On / OFF button - low self-discharge
- Fast recharge
- Active BMS
- 5000 cycles (50% DOD)
- Vibration tested
- Operating temperatures between -20 °C - + 90 °C
- Can be connected in series (24 volts)
- 3 years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



### LiFePSpecification

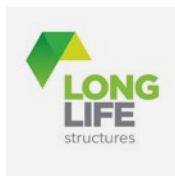
Model no.	Xli 12-40	Battery management system settings	
Norminal Voltage	12.80V	Discharge voltage cut-off	8.0V
Technology	LiFePO4 (Cell Type - Chemistry)	Charge voltage cut-off	15.60V
Capacity (C5)	40Ah	Discharge current cut-off	200A
CCA	1 200A	Instant discharge cut-off	1 200A
Terminals		<b>Capacity</b>	
Dimensions mm	240*174*190-190 (Including terminal height)	Norminal capacity @25°C	40Ah
On/Off button & display	Included	Norminal capacity @0°C	32Ah
Net Weight	6.80kg	Norminal capacity @-25°C	20Ah
Guarantee	3 years	Norminal energy @25°C	512Wh
<b>Cycle life</b>		<b>Discharge</b>	
80% DOD	2 500 Cycles	Max.constant discharge current	80A
70% DOD	3 000 Cycles	Recommended constant discharge current	≤ 40A
50% DOD	5 000 Cycles	Recommended Low Voltage disconnected	11.00V
<b>Charge</b>		<b>Operation conditions</b>	
Charge voltage	14.20V-14.60V	Operating temperature	-20°C to 90°C
Float charge voltage	13.5V	Storage temperature	-45°C to 70°C
Max charge current	40A	Humidity (non-condensing)	Max. 95°C
Recommended Charge Current	≤ 20A	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