


### 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

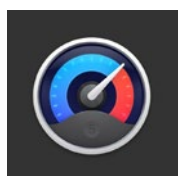


### LiFePSpecification

<b>Model no.</b>	<b>Xli 12-60</b>
Norminal Voltage	12.80V
Technology	LiFePO4 (Cell Type - Chemistry)
Capacity (C5)	60Ah
CCA	1 400A
Terminals	
Dimensions mm	278*174*190-190 (Including terminal height)
On/Off button & display	Included
Net Weight	7.20kg
Guarantee	3 years
<b>Cycle life</b>	
80% DOD	2 500 Cycles
70% DOD	3 000 Cycles
50% DOD	5 000 Cycles
<b>Charge</b>	
Charge voltage	14.20V-14.60V
Float charge voltage	13.5V
Max charge current	60A
Recommended Charge Current	≤ 30A

<b>Battery management system settings</b>	
Discharge voltage cut-off	8.0V
Charge voltage cut-off	15.60V
Discharge current cut-off	250A
Instant discharge cut-off	1 500A
<b>Capacity</b>	
Norminal capacity @25°C	60Ah
Norminal capacity @0°C	48Ah
Norminal capacity @-25°C	30Ah
Norminal energy @25°C	768Wh
<b>Discharge</b>	
Max.constant discharge current	120A
Recommended constant discharge current	≤ 60A
Recommended Low Voltage disconnected	11.00V
<b>Operation conditions</b>	
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