

## BL40-12100 – 12V/100AH LiFePo4 Battery with BMS

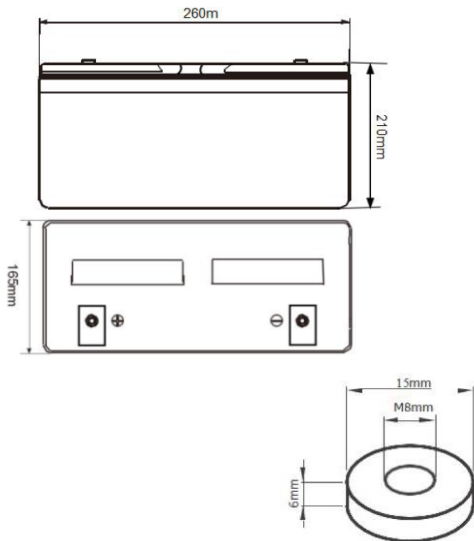


**2000 ~ 7000 cycles**

**BMS**

### Features

- **Light Weight**, up to 40% lighter than SLA
- **Small Size**, up to 40% smaller than SLA
- **High DOD** up to 80% (50% for SLA)
- **Long Lifespan** (cycles) 10 times than SLA  
 >2000 cycles @100% DOD  
 >4000 cycles @80% DOD  
 >7000 cycles @50% DOD
- Build-in **BMS** (Battery Management System).
- Over charge Protection
- Over discharge Protection
- Auto Battery balancing
- Short Circuit Protection – auto recovery when short removed



### SPECIFICATION

Model	BL40-12100
Nominal Voltage	12.8V
Rated Capacity	100AH
Stored Energy	1280WH
Cycle Life (100% DOD)	2000 cycles
Internal Resistance	<30m Ohm
Max. Discharge (A)	100A
Charge Cut-off	15.2V
Discharge Cut-off	9.6V
Dimension	260(L) x 165(W) x 210(H)mm
Weight	11kg
Operating Temperature	0° ~ +60°C
Self Discharge	<3% per month
Life Expectancy	15 years @50% DOD
Terminal Type	Female Copper Insert M8

