

**ULTRA
SERIES**

**(A/B/C)
Datasheet**

LIFEPRO

A product of LiFePo4 Australia



Overview

These battery

modules adopt ABS shell, which can be used 24/7. They have outstanding advantages of waterproof, Bluetooth, heating feature, impact resistance, good insulation performance, easy installation and maintenance-free. That leads them to meet the application of RVs, solar lights, small medical equipment, toys and some small energy storage systems. Battery modules own intelligent BMS inside, which offers great advantages in terms of safety, cycle life, energy density and temperature range.

Basic Parameter				Life Cycles	
Rated Voltage (V)	12.8	25.6	51.2	Cycle Life	> 6000 (0.5C@ 25°C, 80% DOD)
Rated Capacity (Ah)	400	200	100	Design Life (Year)	15
Rated Energy (Wh)	5120	5120	5120		
Operation Parameter				Environment Parameter	
Voltage Range (V)	10-14	22.4-28	44.8-56	Humidity (%)	5-95% RH
Cut-off Voltage (V)	10	20	40	Charge Temperature Range	-20-45 °C / -4-113°F (Heating)
Recommend Charge Current (A)	≤120	≤60	≤30	Discharge Temperature Range	-20-55 °C / -4-131°F
Max Constant Charge Current (A)	200	150	100	Storage Temperature Range	-20-45 °C / -4-113°F
Max Discharge Current (A)	250A (Constant) 350A (Pulse: 30s)	150A (Constant) 200A (Pulse: 30s)	150A (Constant) 250A (Pulse: 1min)		
Physical Parameter				Certification	
Dimensions :W*D*H	460*320*247(mm) 18.11*12.60*9.72(in)			Safety & Certification	UL1973 Compliant
Weight	41(Kg) 90.2(lb)			Transportation	UN38.3
Display Method	Bluetooth				