



# Multi-purpose LFP Battery



## Product Features



### High Security

- High safety phosphate lithium cell
- Intelligent BMS, prevents overcharge and overdischarge, overtemperature, etc.



### Long-life

- Even after discharging it completely more than 2000 cycles, and 80% of the capacity remains



### Multi-purpose

- Applied in areas with poor power infrastructure, off-grid application, UPS/telecom, outdoor portable applications, RVs, yachts, camping, etc.

	LFP12-100	LFP12-200	LFP12-400	LFP24-100	LFP24-200	LFP48-100
Nominal Capacity (Ah)	100	200	400	100	200	100
Nominal Voltage (V)	12.8	12.8	12.8	25.6	25.6	51.2
Charging Temperature Range (°C)	0~45	0~45	0~45	0~45	0~45	0~45
Discharge Temperature Range (°C)	-20~55	-20~55	-20~55	-20~55	-20~55	-20~55
Max. Charging Current (A)	50	50	50	50	50	50
Max. Discharge Current (A)	50	100	100	50	100	50
Charge Upper Limit Voltage (V)	13.8~14.4	13.8~14.4	13.8~14.4	28.0~28.8	28.0~28.8	56.0~57.6
Discharge Cut-off Voltage (V)	10	10	10	20	20	40
Weight (kg)	~13	~21.5	~38.5	~22	~38.5	~38.5
Dimension (W*D*H mm)	339*185*218	502*186*243	522*238*223	502*186*243	522*238*223	522*238*223
Ingress Protection Rating	IP65	IP65	IP65	IP65	IP65	IP65
Communication	Optional	Optional	Optional	Optional	Optional	Optional
Max. Connection No. in Series	4S	4S	4S	2S	2S	/
Max. Connection No. in Parallel	10P	10P	10P	10P	10P	10P

