

SPECIFICATIONS

LFP Series

LiFePO₄ Lithium Battery

LFP series lithium battery provides superior performance, capacities and reliability. Using state of high power cell technology, the lithium series is designed for environmentally sensitive areas that require enhanced cycle life capabilities in industrial, residential, commercial and private applications.

PRODUCT FEATURES

- ▲ Voltage: 12.8V/25.6V/48V/51.2V
- ▲ Capacity range:7Ah-300Ah
- ▲ Cycle life: (25℃)
 - 50% DOD: 8000 cycles
 - 80% DOD: 3000 cycles
 - 100% DOD: 2000 cycles
- ▲ Operation temperature range: -20~65℃

APPLICATIONS

- ▲ Electric Vehicle
- ▲ EPS/UPS systems
- ▲ Marine and Caravan
- ▲ Medical Equipments
- ▲ Solar and Wind systems
- ▲ Telecommunication systems

STANDARD COMPLIANT

- ▲ CE
- ▲ UN38.3
- ▲ UI1642 for Cell



Model	Voltage	Capacity	Energy	Dimension(±1mm)								Weight±3%		Terminal
				Length		Width		Height		Total Height				
	(V)	(Ah)	(Wh)	mm	inch	mm	inch	mm	inch	mm	inch	kg	pound	
LFP7-12.8	12.8	7	89.6	151	5.94	65	2.56	94	3.70	100	3.94	1	2.2	F2
LFP9-12.8	12.8	9	115.2	151	5.94	65	2.56	94	3.70	100	3.94	1.2	2.6	F2
LFP12-12.8	12.8	12	153.6	151	5.94	98	3.86	94	3.70	100	3.94	1.7	3.7	F2
LFP20-12.8	12.8	20	256	181	7.13	77	3.03	167	6.57	167	6.57	3	6.6	M5
LFP40-12.8	12.8	40	512	197	7.76	166	6.54	170	6.69	170	6.69	6	13.2	M6
LFP50-12.8	12.8	50	640	230	9.06	138	5.43	208	8.19	215	8.46	7.3	16.1	M6
LFP60-12.8	12.8	60	768	197	7.76	166	6.54	170	6.69	170	6.69	9.5	20.9	M6
LFP100-12.8	12.8	100	1280	330	12.99	172	6.77	214	8.43	220	8.66	11	24.3	M8
LFP100-12.8S	12.8	100	1280	260	10.24	169	6.65	208	8.19	215	8.46	11.2	24.7	M8
LFP120-12.8	12.8	120	1536	330	12.99	172	6.77	214	8.43	220	8.66	12.5	27.6	M8
LFP150-12.8	12.8	150	1920	330	12.99	172	6.77	214	8.43	220	8.66	15.9	35.1	M8
LFP200-12.8	12.8	200	2560	522	20.55	238	9.37	218	8.58	223	8.78	26.3	58.0	M8
LFP200-12.8S	12.8	200	2560	483	19.02	170	6.69	242	9.53	242	9.53	20.3	44.8	M8
LFP300-12.8	12.8	300	3840	522	20.55	238	9.37	218	8.58	223	8.78	29.2	64.4	M8
LFP50-25.6	25.6	50	1280	330	12.99	172	6.77	214	8.43	220	8.66	13.5	29.8	M8
LFP85-25.6	25.6	85	2176	483	19.02	170	6.69	242	9.53	242	9.53	19	41.9	M8
LFP100-25.6	25.6	100	2560	483	19.02	170	6.69	242	9.53	242	9.53	20.5	45.2	M8
LFP120-25.6	25.6	120	3072	522	20.55	238	9.37	218	8.58	223	8.78	26	57.3	M8
LFP200-25.6	25.6	200	5120	520	20.47	269	10.59	220	8.66	227	8.94	36.2	79.8	M8
LFP50-48	48	50	2400	442	17.40	480	18.90	135	5.31	135	5.31	29	63.9	M8
LFP100-48	48	100	4800	442	17.40	480	18.90	155	6.10	155	6.10	44	97.0	M8
LFP150-48	48	150	7200	442	17.40	500	19.69	222	8.74	222	8.74	55	121.3	M8
LFP200-48	48	200	9600	442	17.40	600	23.62	226	8.90	226	8.90	78	172.0	M8
LFP300-48	48	300	14400	442	17.40	660	25.98	312	12.28	312	12.28	130	286.6	M8
LFP100-51.2	51.2	100	5120	495	19.49	217	8.54	780	30.71	780	30.71	55	121.3	M8
LFP200-51.2	51.2	200	10240	495	19.49	217	8.54	780	30.71	780	30.71	95	209.4	M8

