



# 12V LiFePO4 Battery (SLA Replacement Battery)

Lithium iron phosphate batteries - LiFePO4

Rechargeable lithium ion batteries of new technologies

Lightweight Lithium Iron Phosphate existing in standard cases of sealed lead acid batteries.

Currently available in these models:

- 6V - 4Ah
- 12V - 7.5 Ah
- 12V - 12Ah
- 12V - 17Ah
- 12V - 20Ah
- 12V - 33Ah
- 12V - 40Ah
- 12V - 60Ah



- Other possibilities on specification

LiFePO4	Nominal Capacity	Nominal Voltage	Nominal Energy	Fast discharge	Fastcharge current	L	W	H(MM)	Weight	Terminal	cut-off voltage
TY12V3A	3Ah	12V	36WH	1C	0.5C	90	70	101	0.48kg	Faston250	8V
TY12V4A	4Ah	12V	48WH	1C	0.5C	90	70	101	0.64kg	Faston250	8V
TY6V4A	4Ah	12V	24WH	1C	0.5C	47	70	101	0.6kg	Faston250	4V
TY12V5A	5Ah	12V	60WH	1C	0.5C	90	70	101	0.8kg	Faston250	8V
TY12V7.5A	7.5Ah	12V	90WH	1C	0.5C	151	65	94	1.1kg	Faston250	8V
TY12V10A	10Ah	12V	120WH	1C	0.5C	151	65	94	1.5kg	Faston250	8V
TY12V12A	12Ah	12V	144WH	1C	0.5C	151	98	95	1.6kg	Faston250	8V
TY12V15A	15Ah	12V	180WH	1C	0.5C	151	98	95	1.9kg	Faston250	8V
TY12V18A	18Ah	12V	216WH	1C	0.5C	181	77	167	2.6kg	M5	8V
TY12V20A	20Ah	12V	240WH	1C	0.5C	181	77	167	2.9kg	M5	8V
TY12V24A	24Ah	12V	288WH	1C	0.5C	166	175	125	3.2kg	M5	8V
TY12V32A	32Ah	12V	384WH	1C	0.5C	195	130	155	5.3kg	M6	8V
TY12V33A	33Ah	12V	386WH	1C	0.5C	195	130	155	5.4kg	M6	8V
TY12V36A	36Ah	12V	432WH	1C	0.5C	195	130	155	5.6kg	M6	8V
TY12V40A	40Ah	12V	480WH	1C	0.5C	202	144	175	6.4kg	M6	8V
TY12V55A	55Ah	12V	660WH	1C	0.5C	239	132	205	8.5kg	M6	8V
TY12V60A	60Ah	12V	720WH	1C	0.5C	239	132	205	9.5kg	M6	8V
TY12V80A	80Ah	12V	960WH	1C	0.5C	258	166	206	12.3kg	M6	8V
TY12V100A	100Ah	12V	1200WH	1C	0.5C	110	395	293	15.5kg	M8	8V
TY12V115A	115Ah	12V	1380WH	1C	0.5C	177	409	224	17.2kg	M8	8V
TY12V200A	200Ah	12V	2400WH	1C	0.5C	240	522	219	32.3kg	M8	8V

**Note:** Lithium Iron Phosphate existing in standard cases of sealed lead acid batteries.

(Lead acid battery replacement)

You can now replace the lead acid (SLA, AGM or GEL) batteries with these modern LiFePO4 batteries and see the difference in the performance immediately! The size is the same, the performance and service-life is much better!

**Application for lithium iron phosphate:** 6V 4Ah, 12V 7Ah, 12V 10Ah, 12V 12Ah, 12V 15Ah, 12V 18Ah, 12V 20Ah---12V 200Ah

- Solar systems, UPS, alarm system, emergency light, medical, telecommunications
- Back up systems, off grid systems, mobile lighting systems. tactical light, golf trolley, etc

**Benefits of lithium iron phosphate:**

- Lighter than lead acid batteries - The largest number of cycles (>2000 cycles)
- No pollution and no maintenance

**BMS Data:** Can be customized according to customer's products



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