

Koyosonic

Ideal for Power



LITHIUM IRON PHOSPHATE (LiFePO₄) RECHARGEABLE BATTERY

Koyosonic has developed LFP series of lithium iron phosphate batteries, offering a drop-in solution for AGM or gel battery replacement. Our batteries can be used individually or assembled in series to create 48V system. There are many benefits in LFP series of Li batteries and so they are more and more applied to many fields, such as Solar, RV, Marine and Deep-cycle or Motive Power.



Long cycle life
10 times of lead acid battery's cycle life



Ultra low self discharge
<2% per month



Light weight
About 1/3 of lead acid battery's weight



More usable capacity
Up to 100% usable energy



BMS Protection
Ensuring safety and efficient operation



Increased Flexibility
Up to 4 batteries in series

APPLICATIONS

Solar



Marine



Electric Vehicle



RV



Floor Machine



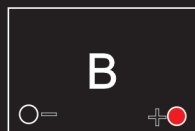
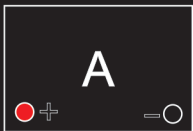
Solar Street Light



SPECIFICATIONS

Model	Volt (V)	Capacity (Ah)	Energy (Wh)	Dimension (mm)				Approx. Weight	Terminal	
				L	W	H	T.H.		Type	Position
LFP50-12	12.8	50	640	195	133	171	171	6	M5	A
LFP90-12	12.8	90	1152	307	169	211	215	8.5	M6	A
LFP100-12A	12.8	100	1280	307	169	211	215	11.1	M8	A
LFP100-12	12.8	100	1280	331	174	214	219	11.5	M8	B
LFP135-12	12.8	135	1728	331	174	214	219	13.5	M8	B
LFP150-12A	12.8	150	1920	331	174	214	219	15.5	M8	B
LFP150-12	12.8	150	1920	484	171	241	241	15.6	M8	A
LFP200-12	12.8	200	2560	522	240	219	224	22	M8	C
LFP300-12	12.8	300	3840	522	240	219	224	30.5	M8	C
LFP50-24	25.6	50	1280	331	174	214	219	11.5	M8	B
LFP100-24	25.6	100	2560	522	240	219	224	22	M8	C
LFP120-24	25.6	120	3072	522	240	219	224	27	M8	C
LFP150-24	25.6	150	3840	522	240	219	224	31	M8	C
LFP200-24	25.6	200	5120	520	268	220	226	39	M8	C
LFP100-36	38.4	100	3840	522	240	219	224	22	M8	C
LFP50-48	51.2	50	2560	522	240	219	224	22	M8	C

TURMINAL POSITION



CHARATERISTICS

