



Bioenno Power® Lithium Iron Phosphate (LiFePO₄) Batteries For Replacement of Sealed Lead Acid (SLA) Batteries

Bioenno Power offers a variety of LiFePO₄ (lithium iron phosphate or LFP) batteries that can easily replace sealed lead acid batteries. These batteries are superior compared to lead acid batteries because of their (1) high specific energy capacity, (2) long cycle life [**~2000 cycles**], (3) compact size, (4) light weight, (5) superior thermal and chemical stability, (6) enhanced safety, (7) improved cost performance, and (8) enhanced charge and discharge rates.

All our batteries are backed by a **6 Month Warranty**. If you do not see the particular voltage, capacity, or discharge rate below, we can **custom manufacture** your battery, based on your specifications and requirements.

Model	Voltage	Capacity	Watt-Hours	Continuous Discharge Current	Max Pulse Discharge Current	Dimensions	Weight
BLF-1203T (PVC)	12V	3Ah	36 W-h	3A	10A	105x72x35 mm	0.86 lbs. (0.39 kg.)
BLF-1206T (PVC)	12V	6Ah	72 W-h	6A	15A	110x68x60 mm	1.98 lbs. (0.9 kg.)
BLF-1209T (Sealed)	12V	9Ah	108 W-h	9A	18A	150x95x65 mm	2.65 lbs. (1.2 kg.)
BLF-1210T (PVC)	12V	10Ah	120 W-h	10A	30A	146x94x75 mm	3.38 lbs. (1.53 kg.)
BLF-1212T (Sealed)	12V	12Ah	144 W-h	12A	36A	153x102x96 mm	3.5 lbs. (1.6 kg.)
BLF-1215T (Sealed)	12V	15Ah	180 W-h	12A	36A	150x102x100 mm	3.53 lbs. (1.6 kg.)
BLF-1220T (PVC)	12V	20Ah	240 W-h	20A	60A	188x126x93 mm	7 lbs. (3.18 kg.)
BLF-1220T (Sealed)	12V	20Ah	240 W-h	35A	45A	180x166x75 mm	6.61 lbs. (3 kg.)
BLF-1240T (PVC)	12V	40Ah	480 W-h	40A	80A	205x145x120 mm	13.23 lbs. (6 kg.)
BLF-1240T (Sealed)	12V	40Ah	480 W-h	80A	200A	236x231x128 mm	13.23 lbs. (6 kg.)
BLF-1260T (Sealed)	12V	60Ah	720 W-h	60A	180A	233x228x169 mm	23.15 lbs. (10.5 kg.)
BLF-1260L (Sealed)	12V	60Ah	720 W-h	60A	120A	240x180x160 mm	22.05 lbs. (10.0 kg.)
BLF-12100T (Sealed)	12V	100Ah	1200 W-h	100A	200A	330x228x170 mm	31.3 lbs. (14.2 kg.)
BLF-12200T (Sealed)	12V	200Ah	2400 W-h	100A	100A	400x262x280 mm	61.7 lbs. (28 kg)



Bioenno Power®
12630 Westminster Ave., Suite H
Santa Ana, California 92706, USA
www.bioennopower.com
sale@bioennopower.com
Phone: +1 714 234-7363
+1 949 310-9899