



CYCLONE

LiFePO₄ Battery



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IMP provides LifeP04 batteries with lead acid batteries cases. They have a longer cycle life and lighter weight, replace lead acid batteries perfectly. They are high power and superior safety

- 1) Long life, large capacity and good shock resistance, 2000 times at 90% DOD
- 2) Low self-discharge and good discharge performance at low temperature.
- 3) Internal BMS with full protection battery has high volatge protection with higher reliatlity
- 4) Capacity of signle battery cell is big
- 5) High safety no explosion, no fire
- 6) Lighter weight smaller size

TECHNICAL SPECIFICATIONS

Battery Model	Normal voltage (v)	Rated capacity (Ah) 20hrs/25 C	Approx.weight		Lenght		Width		Height	
			kg	lbs	mm	inch	mm	inch	mm	inch
Cyclone 6Ah	12.8	6	0.8	1.76	151	5.94	65	2.56	95	3.74
Cyclone 12Ah	12.8	12	2.5	5.5	151	5.94	98	3.86	95	3.74
Cyclone 18Ah	12.8	18	2.8	6.17	181	7.13	77	3.03	168	6.61
Cyclone 24Ah	12.8	24	3.2	7.05	166	6.54	175	6.89	125	4.92
Cyclone 50Ah	12.8	50	6.5	14.33	197	7.76	165	6.50	174	6.85
Cyclone 50Ah	12.8	50	6.5	14.33	229	9.02	138	5.43	205	8.07
Cyclone 60Ah	12.8	60	7	15.43	229	9.02	138	5.43	205	8.07
Cyclone 80Ah	12.8	80	8.2	18.78	260	10.24	168	6.61	220	8.66
Cyclone 100Ah	12.8	100	10.2	22.49	260	10.24	168	6.61	220	8.66
Cyclone 100Ah	12.8	100	10.3	22.71	330	12.99	173	6.81	220	8.66
Cyclone 150Ah	12.8	150	14.2	31.31	410	16.14	175	6.89	225	8.86
Cyclone 200Ah	12.8	200	19	41.89	522	20.55	240	9.45	218	8.58
Cyclone 250Ah	12.8	250	24	52.91	522	20.55	268	10.55	218	8.58
Cyclone 300Ah	12.8	300	28	61.73	522	20.55	268	10.55	218	8.58
Cyclone 400Ah	12.8	400	36	79.37	522	12.99	268	10.55	218	8.58
Cyclone 50Ah	25.6	50	10.3	22.71	330	20.55	173	6.81	220	8.66
Cyclone 100Ah	25.6	100	19	41.89	522	20.55	238	9.37	225	8.86
Cyclone 150Ah	25.6	150	28	61.73	522	20.55	268	10.55	218	8.58
Cyclone 200Ah	25.6	200	36	79.37	522	20.55	268	10.55	218	8.58

S2-GP



LiFePO₄ Battery



IMP provides safe, well-designed and high-performance standard LFP battery pack for customers. The battery pack is compact, easy to install, free of maintenance and is used as the building block of energy storage system by assembling in parallel. It is widely applied in home applications, small ESS as well as Telecom stations.

- 1) Long Cycle Life : 6000 Cycles
- 2) Light and Compact
- 3) Integrated battery managment systems
- 4) Easy installation, Maintenance free, Easy Replacement
- 5) Able to communicate with mainstream ESS inverters

TECHNICAL SPECIFICATIONS

Battery Model	Norminal voltage (v)	Rated capacity (Ah)	Approx.weight		Lenght		Width		Height	
			kg	lbs	mm	inch	mm	inch	mm	inch
Cyclone 100Ah	25.6	100	21.8	48.06	482	18.98	410	16.14	89	3.5
Cyclone 100Ah	25.6	100	21.8	48.06	482	18.98	350	13.78	132	5.2
Cyclone 50Ah	48	50	19	41.89	482	18.98	410	16.14	89	3.5
Cyclone 50Ah	48	50	20.5	45.19	482	18.98	350	13.78	132	5.2
Cyclone 100Ah	48	100	37.5	82.67	482	18.98	396	15.59	132	5.2
Cyclone 100Ah	48	100	38	83.78	482	18.98	430	16.93	222	8.74
Cyclone 150Ah	48	150	53	116.84	482	18.98	500	19.69	270	10.63
Cyclone 200Ah	48	200	77	169.76	482	18.98	500	19.69	270	10.63
Cyclone 250Ah	48	250	92	202.83	482	18.98	570	22.44	270	10.63
Cyclone 300Ah	48	300	107	235.89	482	18.98	570	22.44	270	10.63
Cyclone 50Ah	51.2	50	21.5	47.4	482	18.98	410	16.14	89	3.5
Cyclone 100Ah	51.2	100	47	103.62	482	18.98	430	16.93	222	8.74
Cyclone 150Ah	51.2	150	65	143.3	482	18.98	500	19.69	270	10.63
Cyclone 200Ah	5.12	200	80	176.37	482	18.98	500	19.69	270	10.63
Cyclone 250Ah	5.12	250	97	213.85	482	18.98	570	22.44	270	10.63
Cyclone 300Ah	5.12	300	112	246.92	482	18.98	570	22.44	270	10.63

S2-GP



LiFePO₄ Battery



Lithium Ion Powerwall series has compact design, LCD screen, convenient setting buttons, bluetooth Monitor on your smartphones, and cables & accessories ready for installation. They are widely used in Solar Systems for residential and commercial use. Also can be installed in parallel with combiner box for protection, with it's integrated BMS communication protocol to comprehensive hybrid and off grid inverters.

- 1) Backup Protection
- 2) Modern and Compact
- 3) Super Light Weight
- 4) Best safety on lifepo4 battery
- 5) Match all hybrid and off grid inverter brands in the world
- 6) Considerate safe package for sea shipping and air snipping

TECHNICAL SPECIFICATIONS

Battery Model	Normal voltage (v)	Rated capacity (Ah)	Approx.weight		Lenght		Width		Height	
			kg	lbs	mm	inch	mm	inch	mm	inch
Cyclone 100Ah	25.6	100	28	61.73	500	19.69	380	14.96	130	5.12
Cyclone 200Ah	25.6	200	47	103.62	600	23.62	420	16.54	185	7.28
Cyclone 50Ah	48	50	20.5	45.19	500	19.69	380	14.96	130	5.12
Cyclone 100Ah	48	100	38	83.78	600	23.62	420	16.54	185	7.28
Cyclone 150Ah	48	150	53	116.84	800	31.50	500	19.69	185	7.28
Cyclone 200Ah	48	200	77	169.76	800	31.50	500	19.69	185	7.28
Cyclone 50Ah	51.2	50	21.5	47.4	500	19.69	380	14.96	130	5.12
Cyclone 100Ah	51.2	100	47	103.62	600	23.62	420	16.54	185	7.28
Cyclone 150Ah	51.2	150	65	143.3	800	31.50	500	19.69	185	7.28
Cyclone 200Ah	51.2	200	105	231.9	800	31.50	500	19.69	185	7.28

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