



Lithium Iron Phosphate Battery

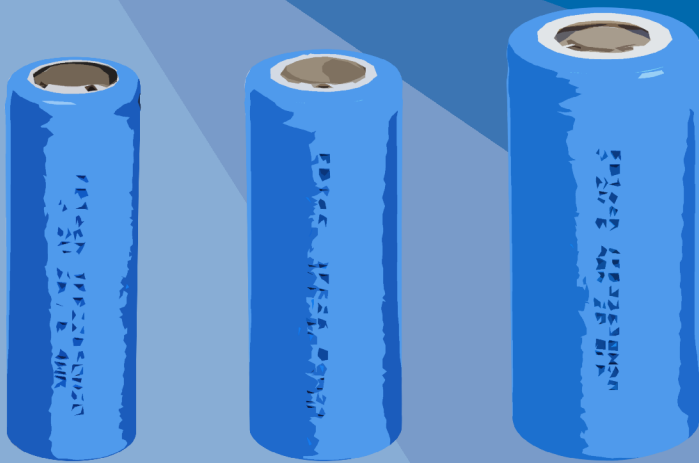
LiFePO₄



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Energy Storage System
Solar Energy Storage
Solar Street Lighting
Electric Vehicle
Medical
Telecom
Robotic
UPS

FBTech



Rechargeable Lithium Iron Phosphate Battery LiFePO4



Features

- Lithium Iron Phosphate (LiFePO4) Battery
- Safest lithium chemistry
- High energy density, 120-130kWh/kg
- Efficient & long-lasting up to 7000+ cycles
- Good High Temperature Performance
- Good High Rate Discharging Performance
- Excellent Stability

Characteristics

- Typical cell : IFR32650, IFR26650, IFR22650
- Voltage : 3.2V
- Capacity : 2Ah ~ 6.5Ah
- Output : 6.4Wh ~ 20Wh , max discharge @3C

Ready for Battery Pack Assembly

- Cell Models Variety Available
- Multiple cells assembled with Protection Circuit Board (PCB), Wire & Connector Available
- Battery Modules or Units Available for Variety Applications

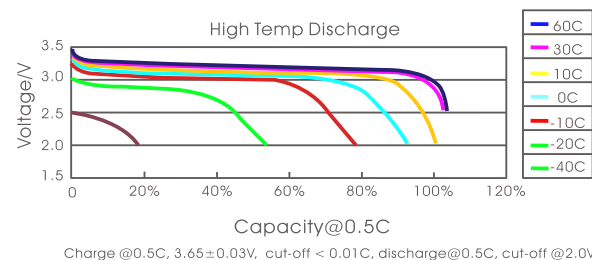
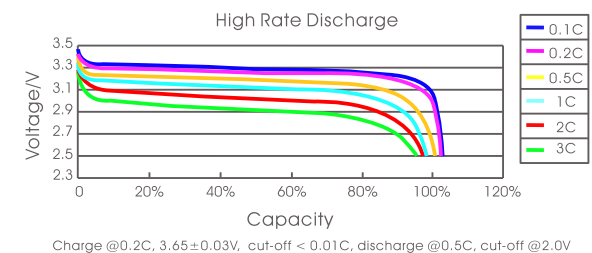
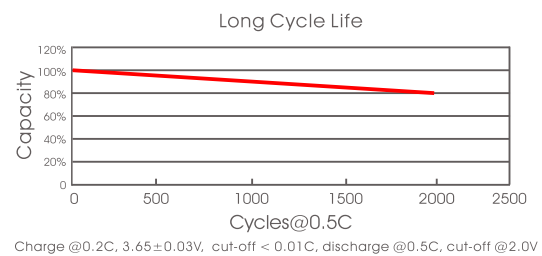
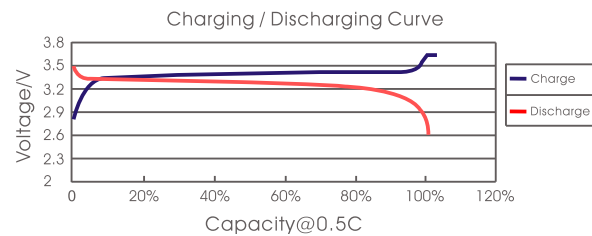
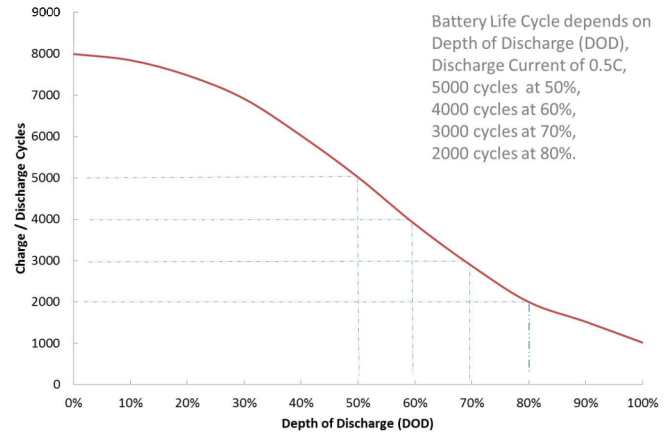
Replacement

- Plug & play replacement in Battery Pack Level for maintenance

Applications

The battery is applicable for industrial, commercial or residential purposes. Battery Modules or Units are connected from Wh up to MWh for renewable energy system.

- Energy Storage System
- Solar Energy Storage
- Solar Street Lighting
- Electric Vehicle (EV)
- Medical
- Telecom
- Robotic
- UPS





Rechargeable Lithium Iron Phosphate Battery

LiFePO4

Model List

# Model	Nominal Voltage (V)	Nominal Capacity (Ah)	Energy (Wh)	Rated Charge Current (mA)	Rated Discharge Current (mA)	Max Discharge Current (A)	Charging Voltage (V)	Discharging Cut-off Voltage (V)	Internal Resistance (mΩ)	Max Diameter (mm)	Max Height (mm)	Approx. Weight (g)
IFR32650N65	3.2	6.5	20.8	1300	1300	19.5	3.65	2.0	8	32.5	70.9	145
IFR32650N55	3.2	5.5	17.6	1100	1100	16.5	3.65	2.0	8	32.5	70.9	144
IFR32650N50	3.2	5	16	1000	1000	15	3.65	2.0	20	32.5	70.9	143
IFR26650N38	3.2	3.8	12.16	760	760	11.4	3.65	2.0	15	26.5	66.5	86
IFR26650N36	3.2	3.6	11.52	720	720	10.8	3.65	2.0	15	26.3	65.5	86
IFR26650N34	3.2	3.4	10.88	680	680	10.2	3.65	2.0	30	26.3	66.5	85
IFR26650N33	3.2	3.3	10.56	660	660	9.9	3.65	2.0	30	26.3	66.5	85
IFR26650N32	3.2	3.2	10.24	640	640	9.6	3.65	2.0	30	26.3	66.5	83
IFR26650N30	3.2	3	9.6	600	600	9	3.65	2.0	30	26.3	66.5	83
IFR26500N28	3.2	2.8	8.96	560	560	8.4	3.65	2.0	32	26.3	66.5	82
IFR26500N24	3.2	2.4	7.68	480	480	7.2	3.65	2.0	32	26.3	66.5	79
IFR22650N22	3.2	2.2	7.04	440	440	6.6	3.65	2.0	25	22.5	66.5	59
IFR22650N21	3.2	2.1	6.72	420	420	6.3	3.65	2.0	25	22.5	66.5	59
IFR22650N20	3.2	2	6.4	400	400	6	3.65	2.0	25	22.5	66.5	58
IFR18650N16	3.2	1.6	5.12	320	320	4.8	3.65	2.0	30	18.5	65.6	43
IFR18650N15	3.2	1.5	4.8	300	300	4.5	3.65	2.0	30	18.5	65.6	42
IFR18650N13	3.2	1.3	4.16	260	260	3.9	3.65	2.0	30	18.2	65	39
IFR18500N10	3.2	1	3.2	200	200	3	3.65	2.0	70	18.2	49	29
IFR14430N40	3.2	0.4	1.28	80	80	1.2	3.65	2.0	80	14.25	43	15
IFR14500N60	3.2	0.6	1.92	120	120	1.8	3.65	2.0	70	14.25	50.8	16
IFR14500N50	3.2	0.5	1.6	100	100	1.5	3.65	2.0	70	14.25	51	15.6
IFR14500N40	3.2	0.4	1.28	80	80	1.2	3.65	2.0	70	14.25	52	15

The information contained in this document is subject to change without prior notice and for reference only.

It should not be used as a basis for product guarantee or warranty.

Please consult us for more models beyond this list.



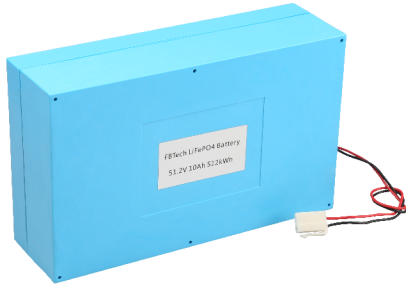


Rechargeable Lithium Iron Phosphate Battery

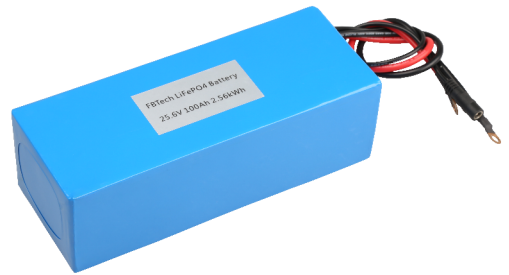
LiFePO4

Model List

# Model	Nominal Voltage (V)	Nominal Capacity (Ah)	Energy (Wh)	Rated Charge Current (A)	Rated Discharge Current (A)	Max Discharge Current (A)	Charging Voltage (V)	Discharging Cut-off Voltage (V)	Dimension LxWxH (mm)	Approx. Weight (Kg)
LFP26650N331603	51.2	10	512	2	2	30	58.4	32.0	260x159x76	5.20
LFP26650N330830	25.6	100	2560	20	20	300	29.2	16.0	232x89x71	2.09
LFP26650N300415	12.8	45	576	9	9	135	14.6	8.0	421x277x31	5.08
LFP26650N300301	9.6	3	28	0.6	0.6	9	10.95	6.0	156x116x74	0.35
LFP26650N330210	6.4	33	211	6.6	6.6	99	7.3	4.0	159x79x65	1.76
LFP26650N330101	3.2	3.3	10	0.66	0.66	9.9	3.65	2.0	26x67x26	0.18



LFP26650N331603



LFP26650N330830



LFP26650N300415



LFP26650N300301



LFP26650N330210



LFP26650N330101

