

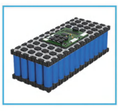
PRODUCT GALLERY

孚赛能源科技有限公司
VCELL POWER CO.,LTD

LiFePo4 Battery

The Lithium iron phosphate, is a type of rechargeable battery, specially a lithium-ion battery ,which uses LiFePo4 as a cathode material, and a graphitic carbon electrode with a metallic current collector grid as the anode. LiFePo4 batteries have somewhat lower energy density than the more common lithium cobalt oxide(LiFeO2) design found in consumer electronics, but offer longer lifetimes, battery power density (the rate that energy can be drawn from them) and are inherently safer.LiFePo4 is finding a number of roles in vehicle use and solar & wind energy storage system.








Specifications

Nominal Cell Voltage	3.2V
Voltage Limits	2.0-3.65V
Specifications	100-130W.h/kg(320-400J/g oy kJ/ kg)
Energy density	220W.h/L(790 kJ/L)
Time durable	>10 years
Cycle durable	>2500 cycles at 80% DOD
Work temperature range	-20 ~80°C
Self discharge rate	<1%/Month
Typical application	Electric vehicles, solar light, solar & wind energy storage, UPS backup power, telecom system etc.....

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Cylindrical Cell

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	End Of Discharge Voltage(V)	End Of Charge Voltage(V)	Size (mm)
IFR10370	3.2V	130	2.00	3.65	10*37
IFR10440	3.2V	200	2.00	3.65	10*44
IFR14430	3.2V	400	2.00	3.65	14*43
IFR14500	3.2V	700	2.00	3.65	14*50
IFR18500	3.2V	1100	2.00	3.65	18*50
IFR18650	3.2V	1500	2.00	3.65	18*65
	3.2V	1600	2.00	3.65	18*65
IFR18650H	3.2V	1100	2.00	3.65	18*65
IFR22650	3.2V	2500	2.00	3.65	22*65
IFR26650	3.2V	3300	2.00	3.65	26*65
	3.2V	3500	2.00	3.65	26*65
	3.2V	3600	2.00	3.65	26*65
IFR26650H	3.2V	2300	2.00	3.65	26*65
IFR32650	3.2V	5000	2.00	3.65	32*65
IFR32700	3.2V	6000	2.00	3.65	32*70
IFR38120	3.2V	10000	2.00	3.65	38*120
IFR42110	3.2V	10000	2.00	3.65	42*110

Prismatic Cell

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	End Of Discharge Voltage(V)	End Of Charge Voltage(V)	Size (mm)
IFR325680	3.2V	10	2.00	3.65	32*56*80
IFR2714893	3.2V	25	2.00	3.65	27*148*93
IFR27148130	3.2V	40	2.00	3.65	27*148*130
IFR27148130	3.2V	50	2.00	3.65	27*148*130
IFR4817395	3.2V	55	2.00	3.65	48*173*95
IFR45173115	3.2V	75	2.00	3.65	45*173*115
IFR48173125	3.2V	100	2.00	3.65	48*173*125
IFR54175173	3.2V	150	2.00	3.65	54*175*173
IFR54175200	3.2V	180	2.00	3.65	54*175*200

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Battery Pack

Model	Nominal Voltage (V)	Nominal Capacity (Ah)	End Of Discharge Voltage(V)	End Of Charge Voltage(V)	Size (mm)
VP-LF12-4.5	12.8	4.5	10.00	14.6	101*90*70
VP-LF12-7.5	12.8	7.5	10.00	14.6	151*98*95
VP-LF12-9	12.8	9	10.00	14.6	151*98*95
VP-LF12-12	12.8	12	10.00	14.6	151*98*95
VP-LF12-15	12.8	15	10.00	14.6	181*76*166
VP-LF12-20	12.8	20	10.00	14.6	181*76*166
VP-LF12-30	12.8	30	10.00	14.60	175*166*125
VP-LF12-40	12.8	40	10.00	14.6	168*130*195
VP-LF12-50	12.8	50	10.00	14.6	229*138*213
VP-LF12-60	12.8	60	10.00	14.6	229*138*213
VP-LF12-80	12.8	80	10.00	14.6	258*166*215
VP-LF12-100	12.8	100	10.00	14.6	330*172*220
VP-LF12-170	12.8	170	10.00	14.6	348*156*270
VP-LF12-200	12.8	200	10.00	14.6	522*235*230
VP-LF24-50	24.0	50	20.00	29.2	335*225*173
VP-LF24-80	24.0	80	20.00	29.2	348*270*156
VP-LF24-100	24.0	100	20.00	29.2	520*270*205
VP-LF48-10	48.0	10	37.50	54.75	442*285*44
VP-LF48-20	48.0	20	37.50	54.75	442*285*88
VP-LF48-30	48.0	30	37.50	54.75	442*360*88
VP-LF48-40	48.0	40	37.50	54.75	442*400*88
VP-LF48-50	48.0	50	37.50	54.75	442*400*132
VP-LF48-100	48.0	100	37.50	54.75	440*520*182

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