



## LFP 3.2V 304Ah Power Lithium Iron Phosphate Battery LiFePo4 Cell

### Basic Information

- Place of Origin: CN
- Brand Name: EVE
- Certification: MSDS, UL, UN38.3, CE
- Model Number: LF304
- Minimum Order Quantity: 4pcs
- Price: USD96.0-USD99.0
- Supply Ability: 10,000pcs per day

#### Ultra-long Life Cycle

Product Advantages

Up to **5000** Cycles  
Capacity Retention  $\geq 80\%$

**304A**  
Capacity

**3.2V**  
Voltage



### Product Specification

- Operating Temperature: -20 ~60
- Protection: Overcharge, Overdischarge, Overcurrent, Short Circuit
- Storage Temperature: -20 ~45
- Type: LifePo4 Lithium Ion Battery
- Voltage: 3.2V
- Highlight: LFP Lithium Iron Phosphate Battery LiFePo4, 3.2V Lithium Iron Phosphate Battery LiFePo4

#### LifePo4 battery 3.2V 304A

Product Advantages



Automated



Ultra-Safe



Stable



Customized Custom-made



Super Long



Environmentally Friendly

### More Images

Model List & Parameters										Product Advantages
Model	Voltage (V)	Capacity (Ah)	Energy (Wh)	Weight (kg)	Dimensions (mm)	Max. Charge Current (A)	Max. Discharge Current (A)	Max. Charge Voltage (V)	Max. Discharge Voltage (V)	
LFP100	3.2V	100	3200	1.5	178x130x45	15	100	3.6V	2.8V	UL, CE, UN38.3
LFP200	3.2V	200	6400	3.0	356x130x45	30	200	3.6V	2.8V	UL, CE, UN38.3
LFP300	3.2V	300	9600	4.5	534x130x45	45	300	3.6V	2.8V	UL, CE, UN38.3
LFP400	3.2V	400	12800	6.0	712x130x45	60	400	3.6V	2.8V	UL, CE, UN38.3
LFP500	3.2V	500	16000	7.5	890x130x45	75	500	3.6V	2.8V	UL, CE, UN38.3
LFP600	3.2V	600	19200	9.0	1068x130x45	90	600	3.6V	2.8V	UL, CE, UN38.3
LFP700	3.2V	700	22400	10.5	1246x130x45	105	700	3.6V	2.8V	UL, CE, UN38.3
LFP800	3.2V	800	25600	12.0	1424x130x45	120	800	3.6V	2.8V	UL, CE, UN38.3
LFP900	3.2V	900	28800	13.5	1602x130x45	135	900	3.6V	2.8V	UL, CE, UN38.3
LFP1000	3.2V	1000	32000	15.0	1780x130x45	150	1000	3.6V	2.8V	UL, CE, UN38.3

#### Certificate

Product Advantages



## Product Description

### EVE Lifepo4 3.2V 304ah Power Lithium LiFePO4 Battery Cell

Brand: EVE  
Battery Model: LF304  
Cell Grade: Brand New Grade A Cell  
Chemistry: Lithium Iron Phosphate (LiFePO4 or LFP)  
Nominal Capacity: 304Ah  
Nominal Voltage: 3.2V  
Operational Voltage: 2.5V-3.65V  
AC Impedance Resistance:  $\leq 0.5\text{m}\Omega$   
Weight:  $5.49 \pm 0.3\text{kg}$   
Dimensions (mm):  $173.5 \times 72 \times 204.4 \pm 1\text{mm}$   
Terminal: M6  
Cycle Life:  $\geq 3500$  Cycles (Retention:  $\geq 80\%$  DOD)  
Standard Charge and Discharge Charge/Discharge Current: 0.5C/0.5C  
Standard Charge and Discharge Charge/Discharge Cut-off Voltage: 3.65V/2.5V  
Continuous Charge/Discharge Current: 250A  
Pulse Charge/Discharge Current(30s): 2C/2C  
Recommended SOC Window: 10% 90%  
Charging Temperature: 0 ~60  
Discharging Temperature: -30 ~60

# Products Display

Product  
Advantages



# Model List & Parameters

Product  
Advantages

Model	Voltage (V)	Capacity (Ah)	Cycles (Ah)	Initial IR (≤mΩ)	Weight (g)	Height (mm)	Width (mm)	Thickness (mm)
Lf32	3.20	32	3500 (0.5C/0.5C)	1.5	730±50	94.3±0.5	148.3±0.8	26.7±0.5
LF50F	3.20	50	1500 (0.5C/0.5C)	2.0	1035±100	129.8±0.5	148.3±0.5	26.7±0.5
LF90K	3.20	90	6000 (1c/1C)	0.5	1994±50	200.5±0.5	130.3±0.3	36.7±0.5
LF100MA	3.20	101	2000 (0.5C/0.5C)	0.5	1920±100	118.5±0.5	160.0±0.8	50.1±0.5
LF100LA	3.20	102	5000 (0.5C/0.5C)	0.5	1985±100	118.5±0.5	160.0±0.8	50.1±0.5
Lf105	3.20	105	4000 (0.5C/0.5C)	0.32	1980±60	200.5±0.5	130.3±0.5	36.35±0.5
Lf160	3.20	160	4000 (0.5C/0.5C)	0.21	3000±100	153.5±0.5	173.9±0.5	53.85±0.5
Lf173	3.20	173	4000 (0.5C/0.5C)	0.25	3190±96	207.5±0.5	173.9±0.5	41.06±0.5
Lf230	3.20	230	4000 (0.5C/0.5C)	0.2	4140±124	207.2±0.5	173.9±0.5	53.85±0.5
LF280K	3.20	280	6000 (0.5C/0.5C)	0.25	5420±300	207.2±0.5	173.7±0.5	72.0±1.0
Lf304	3.20	304	4000 (0.5C/0.5C)	0.16	5450±164	207.2±0.5	173.7±0.5	71.70.8

# Company Introduction

Product  
Advantages

ShenZhen Enook Technology Co., Ltd company is professional manufacturer and supplier of lithium energy solutions, E-bike battery pack, which focus on manufacturing and designing of lithium cells and battery packs



Quality first is our principle,Satisfying all our customers is our tenet,win-win business is our aim.Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer satisfaction.





In addition, we have obtained certificates. MSDS UN38.3 MSDS,ROHS,UL ect. All our products keep selling well not only around China, but also in USA, Philippines, Germany, England, Australia, Russia, France and other European and Asia countries



Fast delivery is one of our advantage, selecting a current products from catalogue, or customized products, 3~5 days is the normal time to prepare for the goods, OEM & ODM orders can be acceptable.

Quality is our life, price is our core competence, please don't hesitate to contact us if you have any requirement, we'll provide our best service to you.

Has passed CE certification and ROHS certification, excellent quality the company has obtained a number of patented technologies.



# Applications

Product  
Advantages

Our products have a very widely range of use



**Golf Cart**



**E-Bike**



**Balance E-scooter**



**Power Station  
energy storage**



**Solar Power**



**RC Drone**



**Sightseeing Car**



**Waterpump**



**Mobile Headlight**



**Household energy  
storage**



**Solar Street Lighth**



**Stereo Set**

# PACKAGING

Product  
Advantages



## Shipping by



**Professional suggestion to choose the best shipping delivery (Such as EMS DHL TNT UPS and FEDEX) for your commodities according to your demand.**



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