# 14 Series Capacity

O'CELL 14 Series LiFePO4 capacity cell, In the cathode material manufacturing process, based on the patented liquid-solid reaction, the wet ball milling in-situ carbon coating technology is used to prepare lithium iron phosphate cathode materials with excellent performance, free of miscellaneous elements such as iron and superphosphate, and self-discharge rate is low. It has good batch consistency, excellent cycle performance, and good performance at low temperature and the high rate discharging .

In the process of cell manufacturing, we strive for perfection and continue to optimize production processes such as mixing, coating, electrode making, assembly, and aging to ensure cell yield and batch consistency. Each cell has an explosion-proof device, and the cell abuse performance is stable. It has passed the lithium battery standard test for electric vehicles and meet the requirements of international battery directive. It has obtained UL , CB , UN38.3 and other certifications. The cell is safe, reliable and stable.

## • Applications

Smart homes
Smart transportation
Smart cities
Power tools
Lamps
Smart Pole

## • Features

Higher energy density
Excellent batch consistency
Stable abuse performance
Remarkable low temp.
rate performance
Free maintenance,
long life cycle

## Specifications

| No. | Model | Nominal Voltage(V) | Nominal Capacity (mAh) | Working Current | Max. Continuous discharge current | Size(mm) Dia.×Height | Weight (Approx) (g) |
|---|---|---|---|---|---|---|---|
| 1 | 14200JE-0.2 | 3.2V | 220 | 1C | 3C | 14.2*20.3 | 10g |
| 2 | 14430ZE-0.4 | 3.2V | 430 | 1C | 3C | 14.2*44 | 15g |
| 3 | 14500EC-0.6 | 3.2V | 650 | 1C | 3C | 14.2*50 | 18g |
| 4 | 14500JE-0.4 | 3.2V | 450 | 1C | 3C | 14.2*48.5 | 17g |
| 5 | 14500JE-0.5 | 3.2V | 550 | 1C | 3C | 14.2*48.5 | 17g |
| 6 | 14500ZE-0.6 | 3.2V | 650 | 1C | 3C | 14.2*50.5 | 18g |
| 7 | 14500JE-0.6 | 3.2V | 650 | 1C | 3C | 14.2*50 | 18g |

Shenzhen O'CELL Technology Co.,Ltd | Tel: +86-755-81781377 | E-mail: marketing@ocelltech.com | Http://www.ocelltech.com