

# YABO LF4100

Universal instruction manual

LONG CYCLE LIFE

2000+ CYCLES



Thank you for applying our portable power bank. Please read the user manual carefully and properly keep it for reference.

## Specification:

Model: LF4100  
Capacity: 12.8V 6500mAh 83.2Wh  
Build-in battery: 4pcs High Quality Lithium Iron phosphate (LiFePO4) battery 32650 cells in 4S1P

## Input:

DC 5521: 14.6V/1.5A

## Output:

DC 5521: 14.6V-9V (Nominal: 12.8 volt)/5A Max.  
DC 4017: 9V/2A Max.  
USB: 5V/2A Max.

Size: 168\*89.2\*43mm / 6.6\*3.5\*1.7in

Weight: 760g/1.66Lb

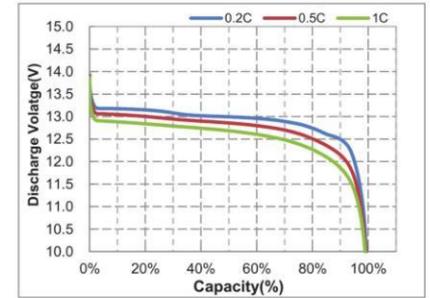
The voltage of the DC5521 output port is output directly from 4S LiFePO4 battery by through the PCM, so the output voltage is not constant. But in one of discharge cycle, more than 90% of the time, the output voltage is about from 12V to 13V.



## Lithium Iron phosphate (LiFePO4) battery discharge characteristics

### Different Rate Discharge Curve @25°C

In one of discharge cycle, more than 90% of the time, the output voltage is about from 12V to 13V.



## LF4100 Package Contents

- 1x LF4100 Rechargeable Li-ion battery.
- 1x DC 4017 male to DC5521 male power cable.
- 1x DC 5521 male to male power cable.
- 1x 14.6V 1.5A AC/DC charger.

## Operation guidance

### 1. Power ON and OFF

- ON: Push switch to "I" position to make power on
- OFF: Push switch to "O" position to make power off

2. Capacity display(Fuel Gauge): There are four power indicators, push switch to "I" position to make battery power on, power and capacity indicator lights will be lighted.

Capacity light	1 light on	2 light on	3 light on	4 light on
Capacity	25%	50%	75%	100%

※ The capacity light is for reference only, not completely accurate.

When you charge the battery, the 4 lights will on soon, but it doesn't means the battery be fully charged.  
You need to check the led indicator of the AC/DC charger. It show Red means charging process going. It show Green means charging process completed, the battery be fully charged.

## How to charge the power bank (Full charge time: about 4.5 hours)

1. Connect AC/DC charger to power socket(100-240V available).
2. Turn on the battery switch to position "I". Please be sure to turn on the switch first before plug to the AC/DC charger.
3. Connect power bank to AC/DC charger.
4. The led indicator of AC/DC charger will change from Red to Green while the power bank be 95% of full charged.
5. Full charge time(estimated)=Capacity of power bank / output current of charger

## Cautions

1. The appliance should be taken to avoid exposure, percussion, water, and rain in the transport process, and make the battery positive and negative pole Insulation.
2. The appliance should be stored in a cool dry indoor storage, avoid flooding, rain.
3. No long-term placement in a low voltage state. Appliances do not use the electricity charge to more than 50% of storage, can be stored for more than 6 months, but in order to extend the service life, suggest charging every three months.
4. Do not immerse the appliance in water or become wet.
5. Do not modify or disassemble the appliance.
6. Do not reverse connect the input or output.
7. Be careful not to let the children touch appliance.
8. Do not put the appliance into the fire.
9. Please use qualified charger to charge the appliance.
10. Do not impact heavy and throw the appliance.
11. If the liquid of the appliance gets into your eyes, do not rub your eyes, rinse with water and consult doctors immediately.
12. If there is any abnormal or malfunction when charging please contact your dealer.

## Contact us

For any inquiries or comments concerning our product or any quality-related issue with our product, or you want to customize any other battery packs, please feel free to contact us, we will respond to you as soon as possible and do our best to help you.

Email us: [rome\\_jia@yabopower.com](mailto:rome_jia@yabopower.com)

Website: [www.yabopower.com](http://www.yabopower.com)



## Other accessories

12V power cord DC5521 to DC7406

**Note: this power cord is not included in the packaging, you need to purchase it separately.**



If you want to use our 12V batteries to power for the Philips Respironics DreamStation and System One 60 Series, you can choose order this 12V power cord in addition. ASIN: B07M5LMJ6X

If you have any questions, please feel free to contact us.

Dear Friend

Thanks for choosing TalentCell. We are specialized in manufacturing rechargeable batteries and premium quality consumer electronic products and accessories since year of 2001. We strive to offer the 100% satisfaction for all our customers. If you have any questions, please don't hesitate to contact us, we'll be sure to solve issues as soon as possible.

Best Regards! Have a nice day!  
YABO