

# Kaise®

## KBLI2410(25.6V10Ah)

Kaise Provides Safe and Efficient LFP Battery Solutions. Adopt best value LiFePO4 cells. IP67 protection, support series or parallel use, is an ideal choice for outdoor, small energy storage, marine and other fields.

### Features

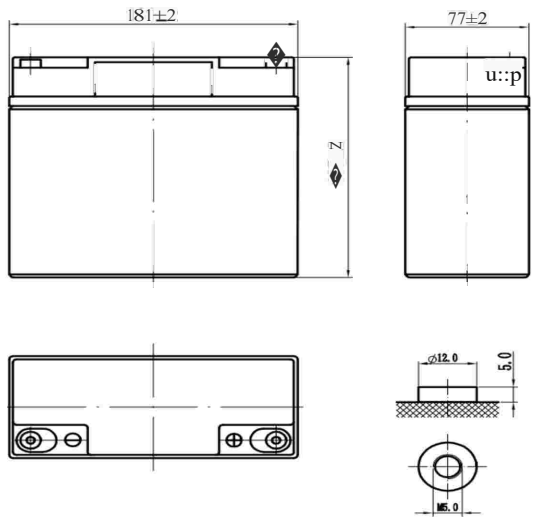
- . Safest Lithium Battery Technology
- . Lighter Weight
- . Eco-friendly
- . Longer Life
- . Multiple Safety Protection
- . Intelligent Balancing Function
- . 20 Years Designed Service Life



### Performance

Cell	Cylinder LFP 5Ah	Rated Charge Current	5A	Rated Discharge Current	5A
Terminal	M5	Max. Charge Current	10A	Max. continuous discharge current	30A
IP Grade	IP67	Rated Charge Voltage	27.2~27.6V	Rated Discharge Cut-off Voltage	22.4V
Self Discharge	<=2%/Month	Charge Cut-off Voltage	29.2V	Min. Discharge Cut-off Voltage	>20V
Cycle Life	2000times(100%DOD)	Balancing Voltage	>27.2V	Pulse Current	120A(5S)

### Size



### performance parameters

Capacity	10Ah
Nominal Voltage	25.6V
Energy	256Wh
Weight	2.9kg
Dimensions	181*77*167 mm
Internal resistance	<30mΩ
Storage Temp	-5°C to 35°C
Discharge Temp	-20°C to 60°C
Charge Temp	0°C to 45°C

### Compliance

Certifications	Cell CE/UN38.3/UL1973/IEC62619
	Battery CE/UN38.3/IEC62619
Transport Appraisal	UN3480,CLASS 9

### Constant Current Discharge Data (Amperes @ 25°C)

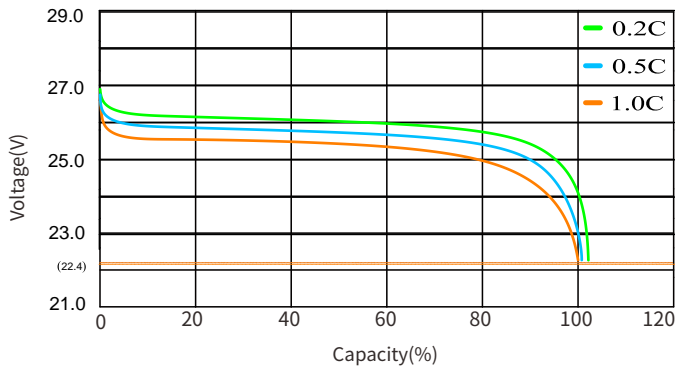
Discharge Time	20min	1h	2h	4h	5h	10h	20h
Cut off voltage (21.6V)	30A	10A	5A	2.5A	2A	1A	0.5A

### Constant Power Discharge Data (Watts @ 25°C)

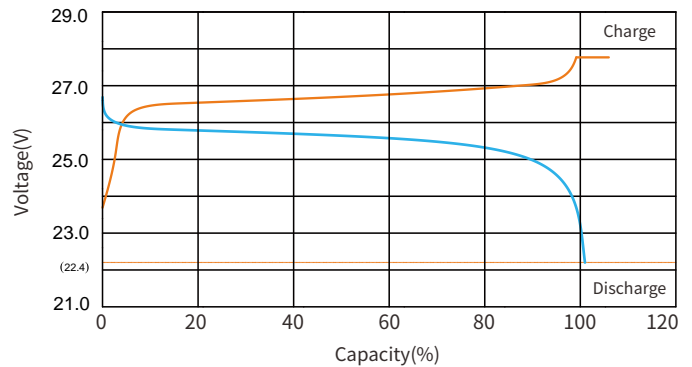
Discharge Time	20min	1h	2h	4h	5h	10h	20h
Cut off voltage (21.6V)	768W	256W	128W	102.4W	51.2W	25.6W	12.8W

### Characteristics Curve

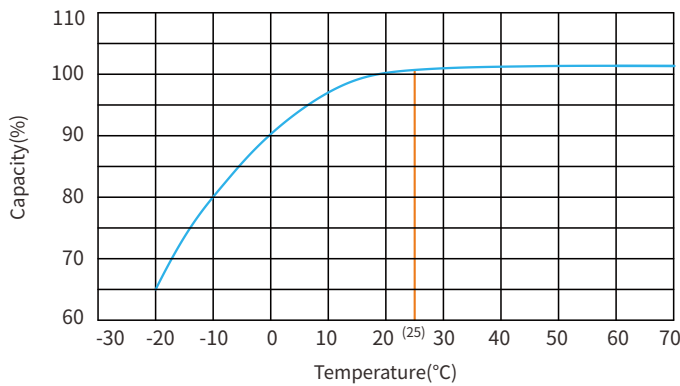
Discharge Performance at 25°C



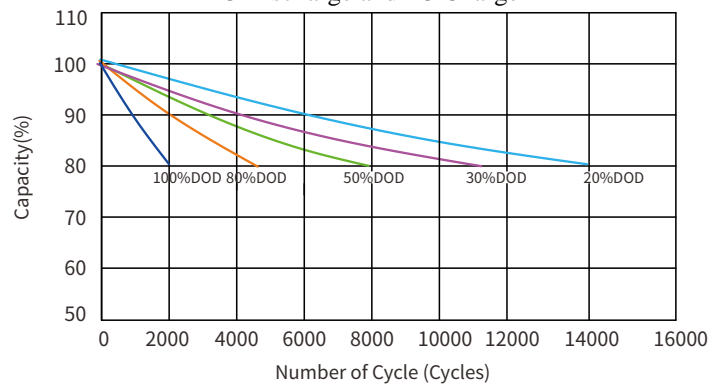
Charge and Discharge at 25°C, 0.5C



Temperature Effects on Capacity at 0.5C



Cycle Life with DOD at 25°C  
1C Discharge and 1C Charge



### Cautions

1. Do NOT short circuit, crush or disassemble. Do NOT heat or incinerate. Do NOT immerse in any liquid.
2. Store at 50% capacity. Recharge every 3 months. The storage area should be clean, cool, dry and ventilated.
3. Disconnect charging source prior to connecting or disconnecting battery terminals.
4. Do not dispose of batteries in a fire as they can explode.
5. Do not open, alter, or mutilate batteries. Released electrolyte is harmful to skin and eyes. It may be toxic.
6. Do not mix different types and brands of lithium-ion batteries.
7. Do not dispose in trash, follow local regulations and manufacturer's instruction.
8. See installation instructions before connecting to the supply.
9. The battery cabinet receives power from more than one source. Disconnection of all DC sources is required to De-energize this unit before installing or servicing. Wait 5 minutes before opening the unit.
10. Do not install on or over combustible surfaces.
11. Refer to manual before servicing.
12. Do not touch bare terminals.