



# USER MANUAL

Battery Pack Specification

# PRODUCT

Catalogue



LITHIUM BATTERY

## JAPANESE TECHNOLOGY

Bi Battery is at the forefront of sustainable energy innovation. Whether you're looking to reduce electricity costs or transition to clean, renewable energy, Bi International is your trusted partner in building a brighter, greener future.



**BUTT INTERNATIONAL** Lithium Batteries is revolutionizing the way we think about energy. With a comprehensive range of high-quality solar panels, invert- ers, and lithium batteries, Bi International is dedicated to making life easier, more sustainable, and cost-effective for homes and businesses alike. As more people embrace solar energy, the benefits are undeniable: freedom from the grid, access to cleaner energy, and significant savings on electricity bills. Bi International ensures these advantages by delivering top-tier products that meet global standards, providing a reliable and uninterrupted power supply-even during frequent outages.



# Bi LITHIUM BATTERY

## Bi-51330SL

LiFePo4 Battery

### PRODUCT FEATURES

- Bi LITHIUM BATTERY
  - Cells Technology
  - Model
  - Nominal voltage
  - Nominal capacity
  - Total Energy
  - Working Voltage
  - Maximum charge Current
  - Maximum Discharge Current
  - With Active Balancer
- DC Energy Storage System  
LiFePo4  
Bi-51335SL  
51.2V  
335Ah  
17KWh  
42.4~58.4V  
130A  
200A



Life Cycles 6000

# Bi LITHIUM BATTERY

Bi-51335R

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
  - Cells Technology
  - Model
  - Nominal voltage
  - Nominal capacity
  - Total Energy
  - Working Voltage
  - Maximum charge Current
  - Maximum Discharge Current
  - With Active Balancer
- DC Energy Storage System  
LiFePo4  
Bi-51335R  
51.2V  
335Ah  
17KWh  
42.4~58.4V  
130A  
200A



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# Bi LITHIUM BATTERY

Bi-51330

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
- Cells Technology
- Model
- Nominal voltage
- Nominal capacity
- Total Energy
- Working Voltage
- Maximum charge Current
- Maximum Discharge Current
- With Active Balancer

DC Energy Storage System

LiFePo4

Bi-51330

51.2V

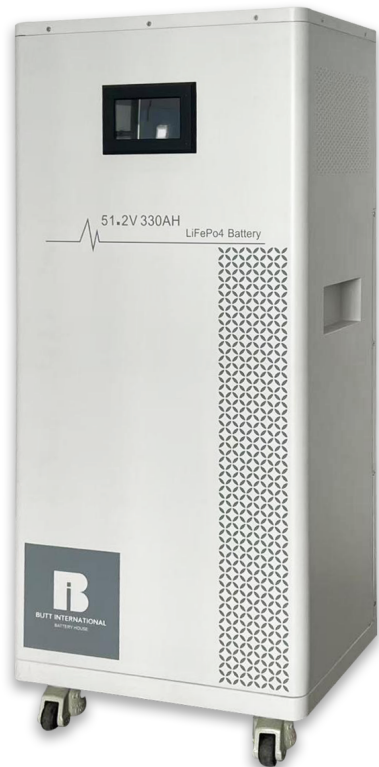
330Ah

16.889KWh

42.4~58.4V

130A

200A



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# Bi LITHIUM BATTERY

Bi-51280

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
- Cells Technology
- Model
- Nominal voltage
- Nominal capacity
- Total Energy
- Working Voltage
- Maximum charge Current
- Maximum Discharge Current
- With Active Balancer

DC Energy Storage System

LiFePo4

Bi-51280

51.2V

280Ah

14.3KWh

42.4~58.4V

130A

200A



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# Bi LITHIUM BATTERY

Bi-51350

LiFePo4 Battery

## PRODUCT FEATURES

- |                             |                          |
|-----------------------------|--------------------------|
| • Bi LITHIUM BATTERY        | DC Energy Storage System |
| • Cells Technology          | LiFePo4                  |
| • Model                     | Bi-51350                 |
| • Nominal voltage           | 51.2V                    |
| • Nominal capacity          | 350Ah                    |
| • Total Energy              | 18KWh                    |
| • Working Voltage           | 42.4~58.4V               |
| • Maximum charge Current    | 130A                     |
| • Maximum Discharge Current | 200A                     |
| • With Active Balancer      |                          |



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# Bi LITHIUM BATTERY

Bi-51175

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
- Cells Technology
- Model
- Nominal voltage
- Nominal capacity
- Total Energy
- Working Voltage
- Maximum charge Current
- Maximum Discharge Current
- With Active Balancer

DC Energy Storage System

LiFePo4

Bi-51175

51.2V

175Ah

9KWh

42.4~58.4V

100A

100A



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# Bi LITHIUM BATTERY

Bi-51430

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
- Cells Technology
- Model
- Nominal voltage
- Nominal capacity
- Total Energy
- Working Voltage
- Maximum charge Current
- Maximum Discharge Current
- With Active Balancer

DC Energy Storage System

LiFePo4

Bi-51430

51.2V

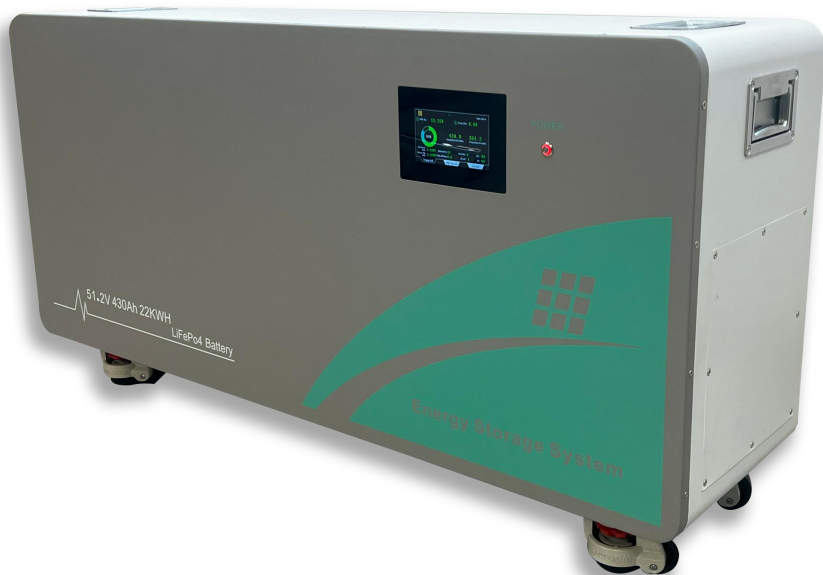
430Ah

22KWh

42.4~58.4V

150A

200A



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# Bi LITHIUM BATTERY

Bi-51490

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
  - Cells Technology
  - Model
  - Nominal voltage
  - Nominal capacity
  - Total Energy
  - Working Voltage
  - Maximum charge Current
  - Maximum Discharge Current
  - With Active Balancer
- DC Energy Storage System  
LiFePo4  
Bi-51490  
51.2V  
490Ah  
25KWh  
42.4~58.4V  
150A  
300A



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# Bi LITHIUM BATTERY

Bi-40032R

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
- Cells Technology
- Model
- Nominal voltage
- Nominal capacity
- Total Energy
- Working Voltage
- Maximum charge Current
- Maximum Discharge Current
- With Active Balancer

DC Energy Storage System

LiFePo4

Bi-51100R

High Voltage 400

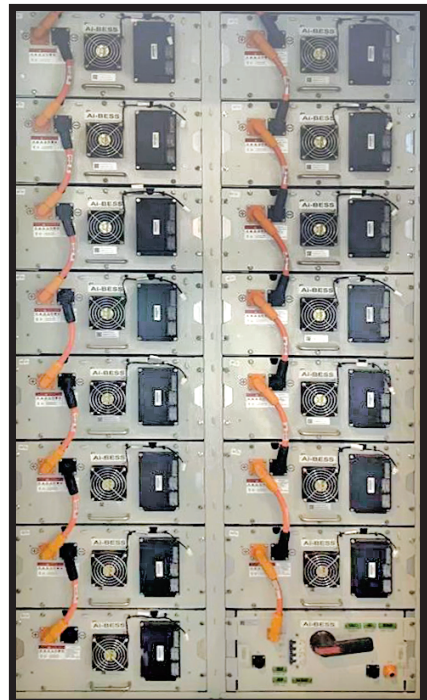
100Ah

40KWh

400~432V

100A

100A



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# Bi LITHIUM BATTERY

Bi-51100R

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
  - Cells Technology
  - Model
  - Nominal voltage
  - Nominal capacity
  - Total Energy
  - Working Voltage
  - Maximum charge Current
  - Maximum Discharge Current
  - With Active Balancer
- |                          |
|--------------------------|
| DC Energy Storage System |
| LiFePo4                  |
| Bi-51100R                |
| 51.2V                    |
| 100Ah                    |
| 5KWh                     |
| 42.4~58.4V               |
| 100A                     |
| 100A                     |



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# Bi LITHIUM BATTERY

Bi-51100

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
- Cells Technology
- Model
- Nominal voltage
- Nominal capacity
- Total Energy
- Working Voltage
- Maximum charge Current
- Maximum Discharge Current
- With Active Balancer

DC Energy Storage System

LiFePo4

Bi-51100

51.2V

100Ah

5KWh

42.4~58.4V

100A

100A



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# Bi LITHIUM BATTERY

Bi-26100

LiFePo4 Battery

## PRODUCT FEATURES

• Bi LITHIUM BATTERY	DC Energy Storage System
• Cells Technology	LiFePo4
• Model	Bi-26100
• Nominal voltage	25.6V
• Nominal capacity	100Ah
• Total Energy	2560Wh
• Working Voltage	21.0~27.0V
• Maximum charge Current	100A
• Maximum Discharge Current	100A
• With Active Balancer	



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# Bi LITHIUM BATTERY

Bi-51200

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
  - Cells Technology
  - Model
  - Nominal voltage
  - Nominal capacity
  - Total Energy
  - Working Voltage
  - Maximum charge Current
  - Maximum Discharge Current
  - With Active Balancer
- DC Energy Storage System  
LiFePo4  
Bi-51200  
51.2V  
200Ah  
10KWh  
42.4~58.4V  
130A  
200A



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# Bi LITHIUM BATTERY

Bi-1200

LiFePo4 Battery

## PRODUCT FEATURES

- Bi LITHIUM BATTERY
  - Cells Technology
  - Model
  - Nominal voltage
  - Nominal capacity
  - Total Energy
  - Working Voltage
  - Maximum charge Current
  - Maximum Discharge Current
  - With Active Balancer
- DC Energy Storage System  
LiFePo4  
Bi-1200  
12.8V  
100Ah  
1.28KWh  
21.0~27.0V  
100A  
100A



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**LITHIUM BATTERY**

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