BCT-UU 24-200

(With MPPT)

5120Wh | LiFePO4 Battery | 24V/200Ah

Charging Overvoltage Protection

Discharge Undervoltage Protection

Charging Overcurrent Protection

Discharge Overcurrent Protection

Short Circuit Protection

Temperature Protection

MPPT

Integrated Charging-storage Energy System, reducing wiring, installation, etc.

DC Input

Wide-voltage dual-channel input

Main Switch

Stainless steel push button switch, Protect the upgrade.

Binding Post

Insulated flame retardant, fast and efficient.

BCT-UU 24-200

(With MPPT)

5120Wh | **LiFePO4 Battery** | **24V/200Ah**

- Charging Overvoltage Protection
- Discharge Undervoltage Protection
- Charging Overcurrent Protection
- Discharge Overcurrent Protection
- Short Circuit Protection
- Temperature Protection

MPPT

Integrated Charging-storage Energy System, reducing wiring, installation, etc.

DC Input

Wide-voltage dual-channel input

Main Switch

Stainless steel push button switch, Protect the upgrade.

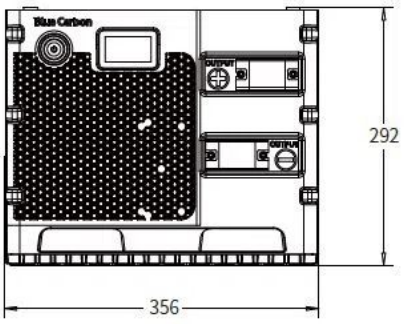
Binding Post

Insulated flame retardant, fast and efficient.

BCT-UU 24-200(M)

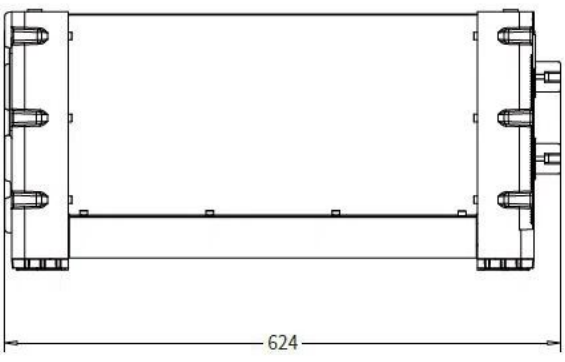
TECHNICAL PARAMETERS

Model	BCT-UU 24-200(M)		
Storage capacity	5120Wh		
Standard capacity	200Ah/25.6V		
Standard charging voltaget	28.8V-30V	MPPT current	60A
Discharge cut-off voltage	36V-48V	MPPT maximum charging voltage	150V
Charging cut-off voltage	27.6V-29.2V	Continuously use output current	100A
Rshoot delay protection	1000mS	Over-discharge delay protection	1000mS
Short circuit protection recovery	Disconnect load	Short circuit protection delay	330uS
Self-Discharge (25°)	<3%/month	Depth of discharge	>80%
Cycle life	>5000 times（<0.5C）	C-rate Discharge	<0.8C
Charge method(CC/CV)	Operation：-20°C—70°C; Recommendation: 10°C—45°C		
Warranty	5 years		
Product size	624±2mm×356±2mm×292±2mm		



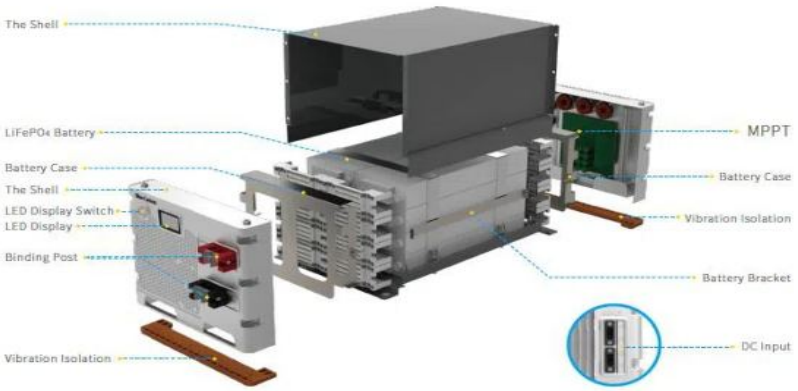
Product Size

Unit：mm

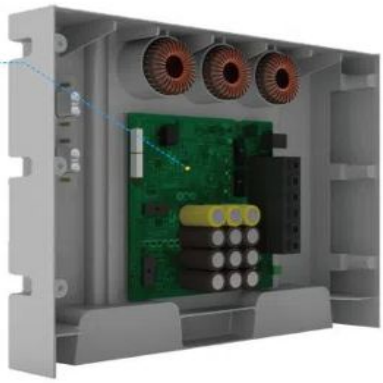


BCT-UU 24-200(M)

INSTRUCTIONS



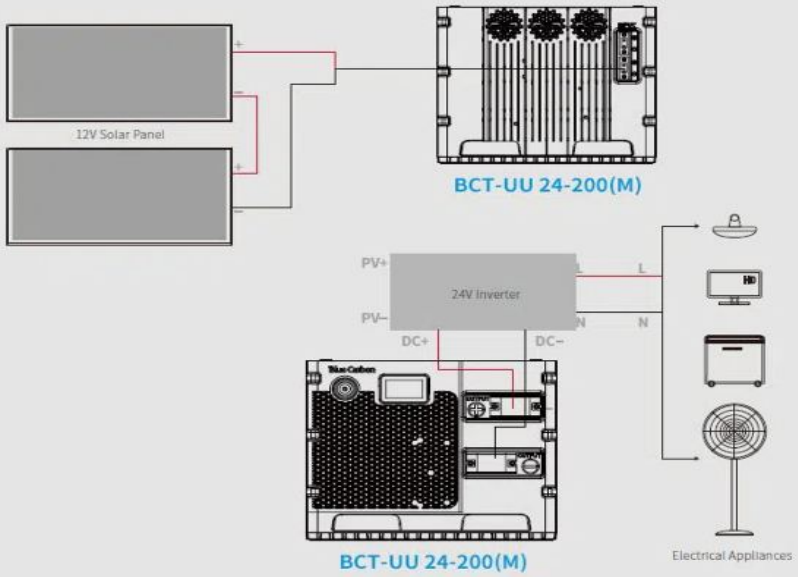
MPPT



1 Integrated Charging-storage Energy System, reducing wiring, installation, etc. It is convenient for users to operate, and greatly reducing the space occupancy rate.

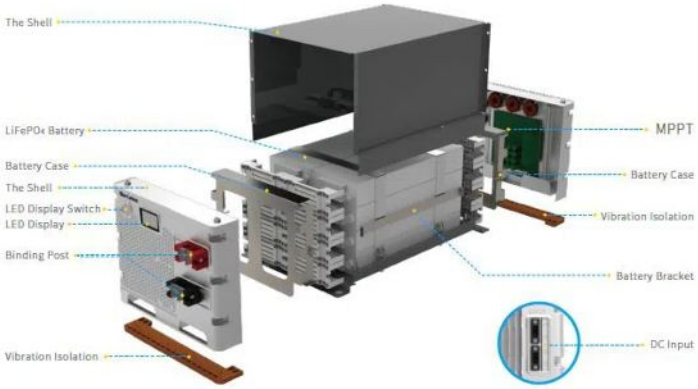
2 Wide-voltage dual-channel input, greatly improve the degree of freedom of solar panel in series or parallel connection. When unexpectedly high voltage is input, it can effectively block the high voltage, so that the battery's BMS will not be broken down, and greatly reduce the risk of the lithium battery's thermal runaway burning.

3 Effectively track the maximum power point of the solar panel and increase the daily power generation of the solar panel by more than 30%.



BCT-UU 24-200(M)

INSTRUCTIONS



MPPT

1 Integrated Charging-storage Energy System, reducing wiring, installation, etc. It is convenient for users to operate, and greatly reducing the space occupancy rate.

2 Wide-voltage dual-channel input, greatly improve the degree of freedom of solar panel in series or parallel connection. When unexpect-edly high voltage is input, it can effectively block the high voltage, so that the battery's BMS will not be broken down, and greatly reduce the risk of the lithium battery's thermal runaway burning.

3 Effectively track the maximum power point of the solar panel and increase the daily power generation of the solar panel by more than 30%.