

Clean energy

Using sunlight to achieve clean energy charging, can supply power to household appliances.



Storing energy

Realize the freedom of electricity consumption in the area where there is no electricity and less electricity.



Household appliances

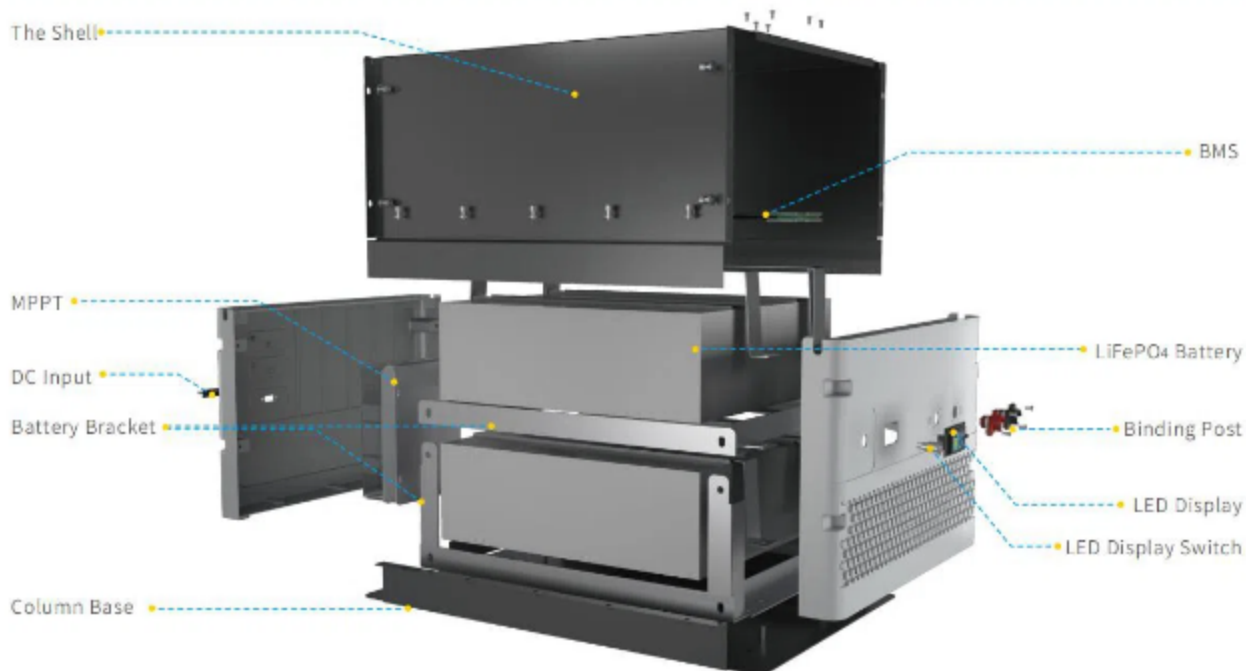
Free electricity

Storing the power from the solar panel, to be used as reserve power or emergency power supply.

At night or at the time of power outage, it can supply the power to electrical appliances by using the stored energy, to avoid the inconvenience caused by power outage, so that you can calmly deal with the situation of power outages.

BCT

INSTRUCTIONS



MPPT

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

Wide voltage 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.

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



7680/10240Wh



DC Output



Solar Panel Charging



Multiple Appliances

Blue Carbon, no need electricity bill at all.



6 KINDS OF SAFETY PROTECTION



Charging Overvoltage Protection



Discharge Undervoltage Protection



Charging Overcurrent Protection



Discharge Overcurrent Protection



Short Circuit Protection



Temperature Protection

Product Details

LiFePO4 battery

Stable discharge, long cycle life, safe and environmental protection, high safety performance.



XT90 Gold plated plugs

Gold-plated brass, ensure the stable transmission of current.



BMS

Protect the battery, Prevent battery damage, Extend battery life.



Imported components



Comply with UL standard safety certification



Separate driver modules



Use insulation materials

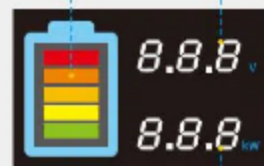
LED display

Observe the power usage at any time.



Function Introduction

Battery Remaining Capacity Real time battery voltage



Real time output



Main switch

Stainless steel push button switch, Protect the upgrade.

Binding post

Insulated flame retardant, fast and efficient.



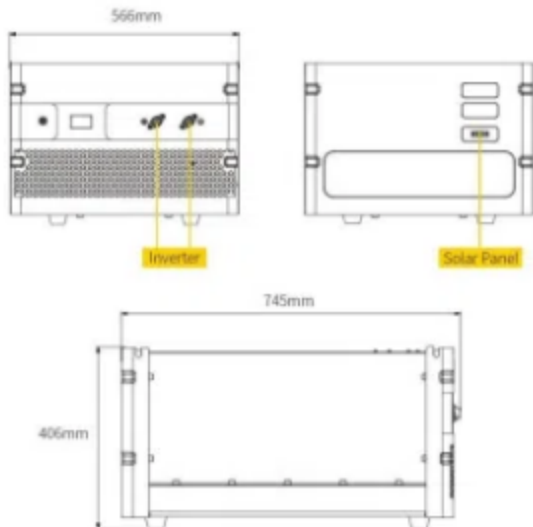
High quality aluminium magnesium alloy

Anti-corrosion, substantial, durable, artistic, practical.



BCT-UU 48-150/200 (With MPPT)

7680 Wh
10240 Wh



Technical Parameters Model: BCT-UU 48-150(M)/BCT-UU 48-200(M)

Storage Capacity	7680Wh/10240Wh	Standard Capacity	150Ah/200Ah/51
Continuous Input Current	100A	Standard Charging Voltage	57.6V—60V
Continuous Output Current	100A	Charging Voltage Of Solar Panel	120V
Maximum Solar Panel Input Current	80A	MPPT	60A
Charging Cut-Off Voltage	54.4V-62.4V	Discharge Cut-Off Voltage	36V-48V
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%
Operating Temp. Range	-20°C—70°C	Recommended Temperature Range	10°C—45°C
Cycle Life	>5000times(<0.5C)	C-rate Discharge	<0.8C
Warranty	5 years		

