



# BEC2415

BEC2415 Lithium Battery Balancer supports up to 20A for both charge and discharge balancing, delivering faster efficiency in both processes. It features advanced software algorithms for high-precision balancing and is compatible with various battery chemistries, including NCM (Nickel Cobalt Manganese) and LiFePO<sub>4</sub> (Lithium Iron Phosphate). The device is equipped with multiple protection features, including undervoltage, overvoltage, overcurrent, short-circuit, and reverse polarity protection. Its compact and lightweight design makes it easy to carry and operate.

## COMPATIBLE WITH ALL LITHIUM BATTERIES

Supports various battery chemistries including NCM (Nickel Cobalt Manganese) and LiFePO<sub>4</sub> (Lithium Iron Phosphate).

## 20A HIGH CURRENT

Supports up to 20A for faster charging and discharging.

## CHARGE-DISCHARGE BALANCING

Compatible with all lithium batteries on the market. High current capacity: charging current 0.1-15A, discharging current 0.1-20A, significantly improving work efficiency. After balancing, the voltage difference between cells is less than 5mV.

## MULTIPLE PROTECTION FEATURES

Reverse Polarity Protection  
Overvoltage Protection  
Overcurrent Protection  
Overtemperature Protection

## PRODUCT FEATURES

Supports internal resistance testing	High balancing accuracy and fast speed
Charge & discharge balancing	Multiple protection functions
20A high current	Compact and lightweight, easy to carry
24-channel simultaneous balancing	

## SPECIFICATIONS

Balancing Accuracy	1mV	Input Voltage	AC220V±15% 50Hz
Device Size	490.75*314*341.5(mm)	Maximum Allowable Charge Current	15A
Voltage Sampling Accuracy	5V ±0.10%FS	Operating Temperature	-10°C~40°C
Device Weight	13kg	Storage Temperature	-20°C~50°C
Power Consumption	<100W	Balancing Voltage	2V~4.2V (adjustable)

## MORE DETAILS

