

EB240

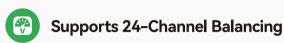
EB240

EV Battery Cell Equalizer



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EB240 is a high-precision equalization maintenance equipment designed based on the charging and discharging of EV lithium batteries, which can effectively repair battery module performance problems caused by inconsistent battery cell voltages.











Features

- 1. Capable of simultaneously balancing up to 24 battery cells;
- 2. Compatible with all common types of lithium-ion batteries available in the market;
- 3. Intelligent balancing function allows individual balancing of battery cells within a battery module, preventing overcharging or over-discharging of individual cells.

Functions

- **1. Balancing Maintenance:** Supports charging, discharging, and balancing modes for lithium-ion batteries like ternary lithium, lithium iron phosphate, lithium titanate, and lithium manganese;
- **2. Parameter Configuration:** Pre-settable work modes, battery types, voltage thresholds, operating currents, cell series numbers, and other parameters;
- **3. Multiple Protections:** Supports overvoltage, undervoltage, overcurrent, output short circuit, reverse polarity protection, and overheat protection;
- **4. Data Visualization:** Real-time monitoring of voltage, current, charge-discharge status, and capacity of individual cells during the balancing process;
- 5. Data Analysis: Automatically stores historical balancing records, supports data presentation in both graph and bar chart formats;
- 6. Data Export: Historical data can be exported to a USB drive as Excel files;

Parameters

Protection function

Wireless communication WiFi and BT(external WiFi antenna)
Equalize number of channels 2×12Pin
Equalize interface 16Pin
Battery interface 24Pin
Display 7-inch TFT LCD screen,resolution 1024×600
Communication Interface SMA,USB-Device
Charge control Constant current charging+constant voltage charging
voltage discharging

Input over-current protection, over-voltage protection, output over-current protection, over-temperature protection