

Overview

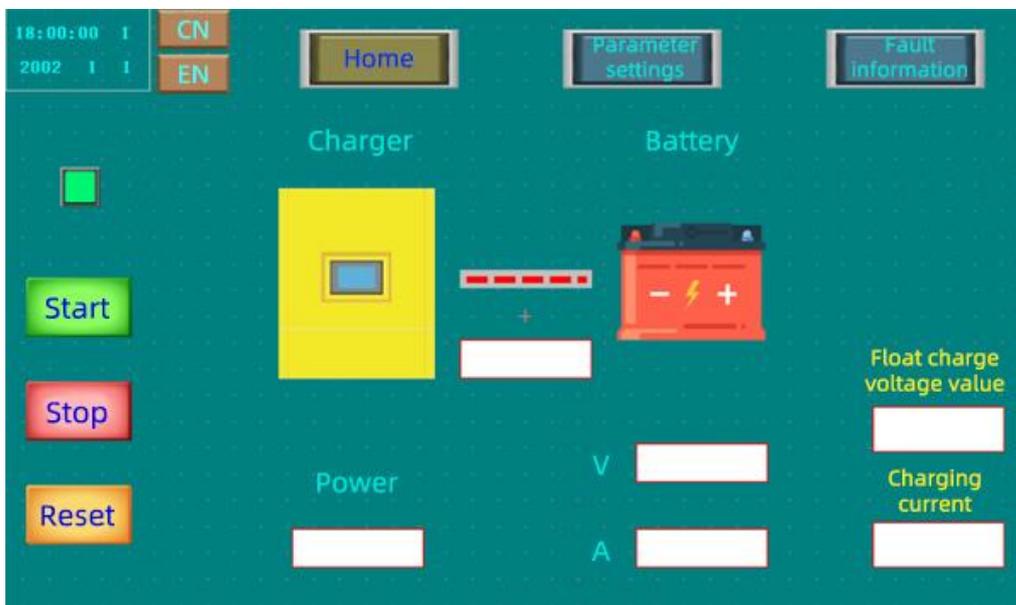
Technical Features

1. Adopts a two-stage conversion, IGBT semiconductor circuit design, and pure digital control, resulting in high reliability and leading technology;
2. Features both power supply and load characteristics, four-quadrant operation, and low energy loss;
3. The circuit structure is rational and streamlined, enabling wide-range DC voltage output, high control accuracy, and fast dynamic response;
4. Front-end AC/DC vector control technology, power factor of 0.99, and THD < 3%;
5. Supports multiple output modes, including constant voltage and constant current;
6. High-efficiency power frequency isolation transformer, providing isolation between the DC side and the AC power grid;
7. Features more than ten types of hardware and software protection;
8. 7-inch LCD touchscreen display and control, with multiple communication interfaces;
9. Includes operation history memory function;
10. Optional RS485 communication for upper computer monitoring, enabling remote data acquisition and monitoring.

touchscreen

This page displays operating data, error status, and power curves. Through this page, you can view the operating status and stop or start the device. When starting the device, please press the reset or stop button to clear any errors. Then press the start button.

Press the button in the image below to access the interface.



Model	LDB-*Ke
Rated Input Voltage	380VAC
Rated Input Current	50-1500 customizable
Rated Input Frequency	10-500Hz customizable
Allowable AC Voltage Range	320-550VAC
Allowable AC Frequency Range	±1%
Output Charging Voltage	Output charging voltage: 0-1500V customizable
Output Charging Current	50-1500A customizable
Operating Mode	Automatic charging in constant current/constant voltage mode
Voltage Sampling Accuracy	≤1%
Current Sampling Accuracy	≤1%
Voltage Display	Touch screen display
Current Display	Touch screen display

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