

Portable Batteries Charger-Discharger



Application

A professional device tailored for the full-life cycle maintenance of battery modules. Integrating advanced grid-connected discharge technology and multi-functional design, it features compact size, light weight and high portability. It enables charge/discharge testing of battery modules, as well as voltage/temperature sampling and storage of individual cells, providing an efficient and accurate all-in-one solution for battery maintenance scenarios.



Module Charge-Discharge Test



Single Cell Monitoring

Advantages and Features

Wide-Voltage Charge-Discharge Test



Wide voltage design compatible with various battery packs, no frequent equipment replacement required.

Bidirectional Energy Conversion



Bidirectional power supply, high-efficiency charging, automatic grid feedback during discharging for energy saving.

Intelligent Data Management



Generates voltage curves, supports internal storage and U-disk data export.

Single Cell Monitoring



Integrated BMS communication for real-time cell voltage and temperature sampling.

Comprehensive Safety Protection



Dual protection for grid side and battery side against over/under-voltage, overcurrent, short circuit, reverse polarity and over-temperature.

BMS Communication Management



Supports CAN protocol, seamlessly connects to mainstream BMS; compatible with external modules, supports OTA and host PC upgrade.

Product Parameters

| | | |
|---------------------------|----------------------|--|
| Input | Voltage Type | Three-phase+N+PE |
| | Voltage Range | 175Vac~265Vac |
| | Line Frequency | 40Hz~70Hz |
| Output | Output Voltage Range | 10Vdc~450Vdc |
| | Output Current Range | 0~60A |
| | Max Output Power | 7kW |
| | Voltage Accuracy | ±0.05% |
| | Current Accuracy | ≤±0.1% |
| Battery BMS Communication | | Supports CAN Communication; reads and parses BMS CAN messages, with BMS data as charge/discharge stop conditions |
| Ambient Temperature | | -20°C~+55°C |
| Relative Humidity | | ≤95%RH, Non-condensing |
| Cooling Method | | Air cooling |
| Dimensions | | 530*340*240mm |

Note: For specific models and parameters, please refer to the corresponding technical specifications.

RePower Technology Co., Ltd.

Address: Tower 3A & 3B, Shangzhi Park, Guangming District, Shenzhen, China
 Tel: +86-755-26703611 / Email: marketing@repower.cn

www.repowerglobal.com

