

Energom-DT

Battery Bank Discharge Tester



Description

Energom-DT is highly intelligent battery charge and discharge tester. It can be used as the discharge load in the battery off-line state, and realize the constant discharge of the set value by continuously regulating the discharge current. the tester records all valuable and continuous real-time data during the process.

Friendly HMI provide a variety of configuration and data review, user can download record data to USB. PC host operation software can generate the curves and reports needed.

Main Features

- Intelligent SCM ARM control, 7-inch 1024*600 LCD display.
- Discharge load use PTC ceramic resistor, avoid red heat for a safer discharge process.
- Remote battery data collector use wireless, multiple band design for 4 device working in one site.
- Each device support max 25 cell collection boxes, each box connect 12 batteries, total 300 battery cell detecting.
- User free to configuration charge/discharge termination threshold.
- Provide software export record & curve report for further analysis.
- Various alarm function, provide automatic protection in over-temperature /voltage/current status.
- With RS485 port for remote control.

Technical characteristics

Battery Bank Voltage	DC110V or DC220V
Charge/discharge voltage	DC88V-264V
Charge/discharge current	Charge 60A; Discharge 60A
Power Supply	AC220V (-20%--+30%)
Battery cell voltage	2V/4V/6V/12V optional Max 300 batteries
Control precision	Discharge current $\leq \pm 1\%$; Group terminal voltage $\leq \pm 0.1\%$; Cell voltage $\leq \pm 0.05\%$
communication	RS485+ USB interface
Data storage capacity	8G SD card and 16G USB flash drive
Temperature & Humidity	-5-50°C, 0-90% (40 \pm 2°C)
Elevation	Rated elevation of 4000m
Working mode	Standalone mode; Parallel master mode; Parallel slave mode; Remote controlled mode
Protection performance	Over voltage protection; Under voltage stop; Over current protection; Over temperature protection; Wiring reversed protection