



- Discharger & Charger for 1.2V/ 2V/ 6V/ 12V batteries
- 7 inch LCD touch screen for easy operation and showing various parameters real time
- Support multiple cycles discharge/ charge auto run
- Adjustable stop points and multiple alarm designs to control the discharge & charge process intelligently
- Support USB download data after testing
- PC software for capacity evaluation and report generation

OVERVIEW

IBAD-2612-ED Intelligent Battery Activator & Discharger has 3 independent test methods: battery discharge, battery charge and battery Cycle. Focusing on the different situations of lag single battery, IBAD-2612-ED can do a discharge test to estimate the real capacity, intelligently charge the battery, and set multiple cycles including discharge and charge to activate the lag battery. IBAD-2612-ED can upload the discharge and charge testing data to PC. In the software you can analyze the quality problem of the lag battery.

FEATURES

1.2V/ 2V/ 6V/ 12V Charge & Discharge

IBAD-2612-ED can support battery charge & discharge as bellowing:

Battery Nominal Voltage	Max Discharge Current	Max Charge Current
1.2 V	60 A	60 A
2 V	100 A	100 A
6 V	30 A	30 A
12 V	30 A	30 A

Multiple Adjustable Stop Points

IBAD-2612-ED offers multiple adjustable points for test stop points to avoid excessive discharge & charge.

7 inch Touch LCD Display

Super big size touch LCD can display all real time data and graphs and support the click operations directly, humanized input method and menu designs simplified operating process.



Internal Memory

- IBAD-2612-ED can save several independent discharge & charge records automatically without Laptop monitoring, non-volatile internal memory guarantees the data security even in unexpected shutdown.
- The menu interface provides some management operations like reviewing, deleting, downloading to PC via USB.



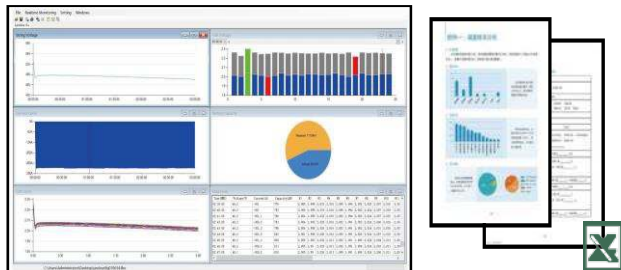
Multiple Protections & Alarms

Malfunctions	LCD prompt	Sound warning
Input Over Voltage	√	√
Reverse Polarity	√	√
Over Load	√	√
Over Heat	√	√

IBAD-2612-ED provides ample protective measures for various abnormal situations during testing. Automatic termination, LCD prompt and sound warning would assist users to make proper treatments.

PC ANALYSIS SOFTWARE

- Support data downloading and analyzing through USB memory devices.
- The software interface includes: battery voltages curve, current curve, capacities histogram, data form and so on.



- The software shows the data by various ways like bar charts, curve, and form. And users can magnify or minify any windows to read more details.
- Automatically create EXCEL data report, it's so convenient to send or download the data.

SPECIFICATIONS

Discharge & Charge Current Ranges

Voltage Range	Discharge (A)	Charge (A)
0.9 – 1.8 Vdc	0 – 60 A	0 – 60 A
1.7 – 2.4 Vdc	0 – 100 A	0 – 100 A
5.1 – 15 Vdc	0 – 30 A	0 – 30 A

Current Measurement

Current Range	0 - 100 A
Accuracy & Resolution	≤ ±1%, 0.1 A

Voltage Measurement

Voltage Range	1.7 – 2.4 V
Accuracy & resolution	≤ ±1%, 0.01 V
Voltage Range	5.1 - 15V
Accuracy & resolution	≤ ±0.25%, 0.1 V

Power Supply

Power supply voltage	220 V AC (-20% to +30%)
Frequency	50/ 60 Hz
Power consumption	350W (max)

Communication & Storage

Communicate port	USB port
Internal memory	4GB Flash

CE Certificate

LVD standards	EN 61010-1:2010 EN 61010-2-030
EMC standards	EN 61326-1:2013 EN 61000-3-2:2014 EN 61000-3-3:2013

Environment

Operation temperature	0 to 45° C
Storage temperature	-10 to 60° C
Humidity	5% - 95% RH
Altitude	below 2000 m
Working noise	< 60 dB

Dimensions & Weight

Main tester	348 x 222 x 256 mm
Carrying case	460 x 300 x 500 mm
Weight	10 kg (main tester only) 20 kg (included accessories and case)

Contact us:

EDPN Technologies Pte Ltd

51 Bukit Batok Crescent, #05-15,

Unity Centre, Singapore 658077

Tel: +65 6763 6511

Email: sales@edpn.biz

Vietnam office:

EDPN Services and System Co., Ltd

22, 122 Alley, Khuong Dinh rd., (quarter 3, unit 1)

Ha Dinh ward, Thanh Xuan Dist., Hanoi, Vietnam

Tel: +84 (0) 24 3726 4905

Email: info@edpn.com.vn