

WHY USE A BDX BATTERY DISCHARGER/ANALYZER?

The **BDX** is an automatic battery **discharger/analyzer**, designed to **test the efficiency** of industrial batteries of **any type, voltage and capacity**. This equipment can be programmed to **discharge** the battery with a **precisely controlled constant current**, adjustable from zero to the maximum rated value, while keeping the battery **voltage under control**.



GENERAL INFORMATION BDX

- Easy to use, even without specialized training.
- High-frequency IGBT regulator, featuring constant current discharge of the battery.
- Compact and portable design – Strong construction.
- Wide power range available - Battery voltages up to 600 VDC & discharge currents up to 600 Amps.
- Programmable digital board, controlled by microprocessor.
- Can operate with batteries of any type.
- Digital display (battery voltage and current, time, capacity discharged, programmed values).
- Integrated Datalogger with RS-232 port and PC Software TrendCOM 2006.
- Optional Isolated USB port.
- Unlimited parallel operation of 2 or more units, managed by software.

AC INPUT *Standard voltage*

Voltage range: 85-135 or 180-250 Vac
Single-phase
Max power: 250 Watts
50/60 Hz

DISCHARGE CAPABILITY *Standard versions*

Battery voltage: 12-48 V Maximum discharge current:
100 A **REF 124TA2652**
Battery voltage: 12-96 V Maximum discharge current:
200 A **REF 124TA2653**

PROTECTION

Battery polarity reversal: If the battery is connected with reverse polarity, the BDX remains in stand-by mode and no current flows.

Overheating: A thermal sensor protects all the electronic components of the BDX.

Sparks on connection: When the battery is connected to the BDX, no sparks and/or flames will be generated at the connectors.

Auto-test at start-up: Every time the BDX is powered, an automatic self-test of the power electronics and the control boards is performed in less than 10 seconds. In case of fault, the unit remains in stand-by mode.

MECHANICAL

External dimensions: 325 x 630 x 570 mm
Housing: 2 mm steel
Four wheels kit for easy moving
Cooling: Forced ventilation

FREE SOFTWARE INCLUDED



The included PC software (TrendCOM) extends the analysis capability of the BDX, and can be used to automatically generate test reports.



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