

BATTERY DISCHARGER

415Vdc

60A dc

12kW

Battery discharger :

- Discharge Power up to 12000W.
- Discharge Current up to 60A.

Multi-Voltage up to 415Vdc

Battery maintenance operations requires to operate discharge on batteries. It is helpful to dispose of an equipment able to control the discharge and also to the pre-programmed current.

Constant current discharge controled thanks to a micro-controller.

Picture for illustration purposes only.



MDB 12000C

• Packaging

- Metallic Case : L = 1040 - W = 700 - H = 900 mm.
- Wheels - Carrying handle - Lifting rings.
- Weight : 95 Kgs.

• Main power supply

- 230 Vac Single Phase + Earth - 50/60 Hz.
- Connection by Europa plug - Cord supplied.

• Remote control

LCD equipped interface, function keys and navigation menus allowing to execute the following operations :

- Detection of the number of benches linked together in network (up to 4 benches).
- Polarity detection of the battery plugged.
- Voltage detection of the battery plugged.
- Adjustment of the end-discharge voltage (65 à 100%).
- Adjustment of the discharge current by $\pm 1A$ steps.
- Adjustment of the discharge time from 1 minute to 10 hours.
- Activates start and stop of the discharge.
- Measures the current and the voltage.
- Elapsed time counter.
- Total capacity calculator.
- Serial output RS232.

• Protection

- On/Off switch button.
- Emergency push button.
- Protection against electrical and thermal overloads.
- Protection against miswiring.
- End-discharge voltage control.

• Connectivity

- Lockable battery plugs $\varnothing 6mm$.
- Sub-D9 connector for remote control.
- Benches chained by lockable DIN connectors.
- Cables 2 x 2m - 10mm².

• Control unit

- Electronic system allowing the control of the discharge current from 1 to 60A for voltages from 24 to 230Vdc and 1 to 30A for the 415Vdc version.
- Maximum utilisation power : 12000W per battery discharger.
- Current control accuracy : $1A \pm 1$ digit.
- Possibility to set several benches in network (4 benches max).

Voltage	Current Max
from 48 to 230Vdc	60 A
from 230 to 415Vdc	30 A

• Options

- Battery clips.
- Other current and voltage ranges on request .
- MDBWIN : Driving and capture software of measurements and discharge curves visualization.

Guarantee one year parts and labor. All interventions are carried out exclusively in our factory.

Due to continuous research program, these characteristics can be modified.