



Technologie

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RCS LILLE METROPOLE
APE 2651B

BATTERIES DISCHARGER

MDB12000C



• **Discharge automatic control :**

- Automatic detection of the voltage battery.
- Setting of the end discharge voltage value.
- Setting of the presetting current.
- Setting of the discharge time.
- **Constant current** discharge microcontroller regulation.
- Protection against bad wiring, electrical and thermal overloads.
- Transportable and mobile carriage.

Maintenance operations of batteries require to do discharges where it is interesting to have a system controlling automatically the discharge, and regulating the programmed current.

TECHNICAL CHARACTERISTICS

▣ **Presentation**

- *Metallic truck : L=1040 - W=700 - H=900 mm.*
- *Wheels - Carrying handles - Lifting rings.*
- *Weight : 108 Kg.*

▣ **Main Power Supply**

- *115/230 Vac single phase + Earth - 50 /60Hz.*
- *Europa plug - Cord supplied.*

▣ **Current regulator**

- *Electronic device allowing regulation of discharge current from*

Range 24V / 28V / 48V / 127V / 230V : maximum current 60A

Range 400V : maximum current 30A.

- *Regulation precision of 1 A \pm 1 digit.*
- *Possible setting of the bench in network (4 benches maxi).*

▣ **Control system of command**

Control system with LCD, functions keys and rolling menus, allowing to execute the following operations :

- *Detection of the numbers of benches in network (up to 4 benches).*
- *Check the battery polarity.*
- *Automatic detection of the voltage battery.*
- *Setting of the end discharge voltage (65 to 100 %).*
- *Setting of discharge current by 1A step.*
- *Setting of the time of discharge from 1 Minute to 10 Hours.*
- *Control of the starting and the end of the discharge with signalling led.*
- *Measure of current, voltage, operating time in real time.*
- *Calculation of Ampere-Hours discharged.*

▣ **Protection**

- *On/Off commutator.*
- *Emergency stop button.*
- *Protection against electrical and thermal overloads.*
- *Protection against bad wiring.*
- *Control of the end discharge voltage.*

▣ **Connection**

- *Battery junction terminals \varnothing 6mm with locking.*
- *Sub-D9 connector for remote control.*
- *Benches chaining by DIN terminals with locking.*