



Technologie

dfv Technologie
Z.A. Ravennes-les-Francis
2 avenue Henri Poincaré
BP 80009
59588 BONDUES CEDEX FRANCE

Tel : 33 (0) 3.20.69.02.85
Fax : 33 (0) 3.20.69.02.86
Email : contact@dfv.fr
Site Web : www.dfv.fr

SIRET 434 355 228 00017
RCS ROUBAIX-TOURCOING
APE 332B

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 ± 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 Ø 6mm with locking.*
- *Sub-D9 connector for remote control.*
- *Benches chaining by DIN terminals with locking.*