*dfv* Technologie
Z.A. Ravennes-les-Francs
2 avenue Henri Poincaré
59910 BONDUES FRANCE

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

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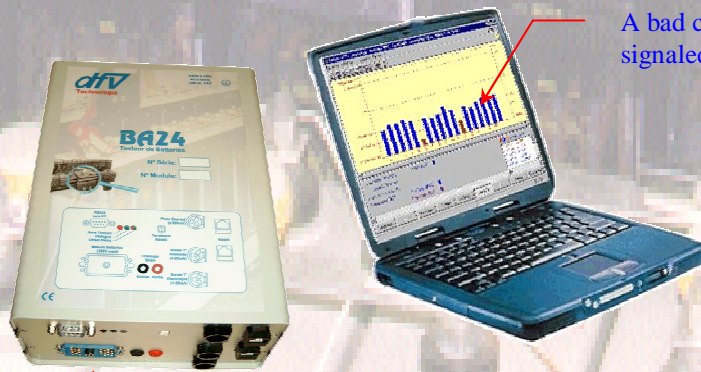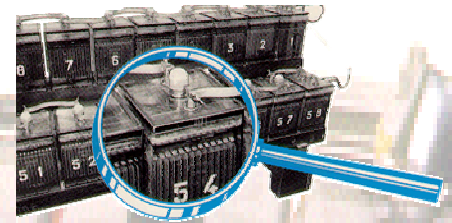RCS ROUBAIX-TOURCOING
APE 332B

# Automatic battery tester BATCAT BA24

This product tests automatically a battery during the discharge and/or charge. This new product is fully compatible with BATCAT range (PV99 ou BA249)

A bad cell is signaled in red

Temperature and currents probe inputs

Connection of cells

- ♦ **Test automatically battery cells**

- ♦ **Allows testing of 24 cells (Pb, NiCd …) with high accuracy (±2mv)**

- ♦ **Detects bad cells**

- ♦ **Stores data on PC**
  - ᴆ **Battery testing is stored in a database during it's lifetime**

- ♦ **Issue an alarm in case of a defective cell.**

**BATCAT BA24 has also 3 auxiliary inputs :**
**1 for ambiant temperature**
**1 for electrolyt temperature**
**1 for discharge / charge current**

- ♦ **Portable, light and low cost (230x180x95mm / 1,6kg)**

- ♦ **Compatible with full range of BATCAT PV99 and BA249 (BATCATWIN / LOGEPNV2 softwares, cables and accessories)**

- ♦ **Harmonic filter integrated**

- ♦ **Charge and discharge current can be measured with only one clamp**

- ♦ **Integrated zero adjustment help for current clamp.**

- ♦ **BA24 can be connected together in order to measure up to 249 cells**

Measurement sequence :

The voltage of each cell is measured every 10 seconds during discharge and/or charge of the battery.

The voltage is compared with alarm thresholds and if a bad cell is detected an alam is issued.
PC stores data and print measurement repport.

Connection of each cell is done either fix or flying (with crocodile clamp)