

A. T. M. S.

Proven Advanced Technology Solutions

Constant Current Battery Discharge Unit

by **COTEL**

- **Confirm Battery Capacity**
- **Cycle New Batteries.**
- **Re-activate out of use Batteries**
- **Up to 220 V & 150 A.**
- **Portable**



The COTEL Battery Load Unit is used for checking the capacity of storage batteries by discharging them at a constant current to the point where they are considered discharged, and measuring the ampere-hours delivered. Normally used for verifying the capacity of in-service batteries, it can also be used to “run-in” new batteries or those which have been out of service for some time.

The discharge current can be set from 1 Amp up to the maximum current for the unit in steps of 1 Amp, and the voltage at which the discharge is considered complete can also be set by the user to stop the discharge and timer. Several sizes are available, adapted to the full range of storage batteries normally encountered. There is protection against inverse polarity, over-voltage and over heating.

Sub station batteries are imperative for the proper reaction of the network to a fault, and this discharge unit is a valuable tool for confirming their good state.

MODELS

BDS 220V-50A

Voltage from 6 to 220 V Current to 50 A.

BDS 160V-150A

Voltage from 6 to 160 V Current to 150 A.

BDS 160V-75A

Voltage from 6 to 160 V Current to 75 A.

BDS 120V-200A

Voltage from 6 to 120 V Current to 200 A.

BDS 120V-100A

Voltage from 6 to 120 V Current to 100 A.

BDS 80V-300A

Voltage from 6 to 80 V Current to 300 A.

BDS 80V-150A

Voltage from 6 to 80 V Current to 150 A.

OPTIONS

Software for the archiving and printing of records and discharge curves.

Supplementary module of the same weight and size to double the current drawn.

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