



Pragati Electrocom Pvt. Ltd.

BATTERY PROTECTION UNIT

Continuous operation of the telecom site is a commitment, which is always given prime importance, Battery back up is provided for the continuous operation of the telecom equipment.

Deep discharge of the SMF batteries is always prevented; so that longer life of the batteries is achieved, it is always ensured that the SMF batteries are not discharged below 80% of their rated value. Many a times the battery in the telecom exchanges gets discharged below 80% of their rated value, which spoils the battery for any further reactivation. The system can be provided with Class C Surge Arrester for common / differential mode noise and surge suppression.

We offer Automatic Monitor & Cutoff System for a battery, which operates upon Bell Algorithm to protect the batteries. When connected between the power plant and the battery, this system fulfills the following functions:

Monitors the battery voltage and current through DC V/A meter for charging and discharging current.

Automatically, disconnects the batteries from load, when @1.75 per cell is reached

Gives a pre- audio – visual alarm before disconnection of the battery.

Re-connects the battery after the AC mains are resumed, so that batteries start getting charged.

Cut OFF and reconnection voltage limits can be calibrated as per customer need.

The product is available in following capacity

- 2 x 400AH / 3 x 200AH.
- 2 x 600AH / 3 x 400AH.
- 2 x 1000AH / 3 x 600AH.

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