

HI-REL ELECTRONICS PVT. LTD.

BattMon

Battery Monitoring System

Protecting Your Business



Batteries form the heart of all back-up power systems. The consequences of a battery failure are the same as if the UPS unit has failed. There is major risk of unplanned outage if batteries are relied upon to provide reserve power without being constantly monitored

BattMon. Battery Monitoring System from Hi-Rel provides you the solution to keeping your batteries healthy and alive.

Back-up with **BattMon**

- Plan visits to battery sites based on data supplied by **BattMon.**
- Enhance reliability of plant load through **BattMon** by identifying battery banks that are showing signs of deterioration.
- Exercise greater control over battery purchases by knowing which batteries are due for change-out.
- Accurately monitor parameters that have direct effect on battery performance.
 - ▶ Charge / discharge cycle ▶ Depth of discharge
 - ▶ Overall DC bus voltage ▶ String currents
 - ▶ Ambient temperature

Features

Continuous Voltage Monitoring

Auto Battery Monitoring

Dynamic Display of Remaining Battery Time

Status & Alarm Indications

History & Aging Reports

Float Current Monitoring

All Alarms Time & Date Stamped

Check Battery Health in Auto or manual Mode

Monitor Life of Battery Bank

Charging / Discharging Status

Current, Voltage and Life Status Functions

Online Monitoring

Facility to Pre-programme Battery type

Audible Alarm Indication for Short / Near End Battery Life

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HI-REL

BattMon Data Sheet

Battery Auto Test	:	Detects Open Circuits & Generates Alarm once a week
Display	:	Battery voltage Charge / discharge current Battery Ah Battery type Residual backup time Residual battery capacity in Ah % Battery capacity Room temperature
Battery Life	:	Cycles..... Months.....
Status	:	Battery charge / discharge
Alarms	:	Battery test fail End of battery life
Pot. Free Contact	:	Battery test fail
Communication	:	RS485 (Optional)
General		
Battery Voltage	:	100 to 500 V DC
Power Supply	:	230 V, 50 Hz
Operating range	:	0 to 50°C
Dimensions	:	330mm x 250mm x 110mm (H x W x D)
Class of protection	:	IP 41

Country-wide Sales & Service Network:

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