

Battery on-line monitoring and repairing system



1. Application:

Railroad, Electricity, Communication, IDC Engine Room, UPS equipments, Tunnel, Large public places, power plant etc.



2. Technical indicator:

1. Resolution of single internal resistance: 1 micro Ω ; Accuracy: $< \pm 2.5\%$;

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testing range: 0.000 mille Ω – 1 Ω .

2. Resolution of single voltage: 1 mill volt; Accuracy: $< \pm 0.2\%$; testing range: 0.000 – 20.000 volt.

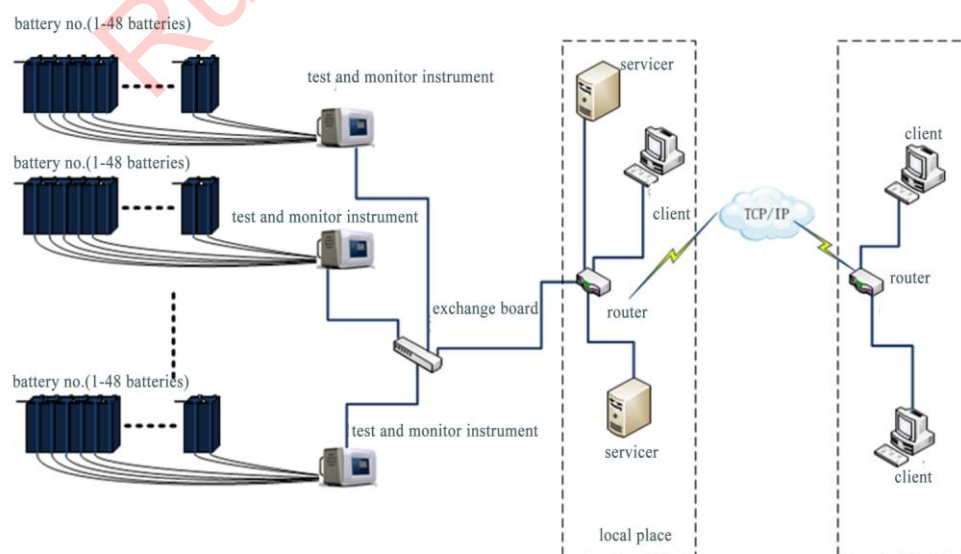
3. Resolution for resistance of connection strip: 1 micro Ω ; Accuracy: $< \pm 5\%$; Testing range: 0.000 – 60.000 micro Ω .

4. Resolution for main loop current: 0.1A; Accuracy: $< \pm 10\%$; Testing range: 0.0 – 200.0A.

5. Resolution for single outside temperature: 0.0625 $^{\circ}\text{C}$; Accuracy: $< 0.5^{\circ}\text{C}$; Range: 0.0 – 60.0 $^{\circ}\text{C}$.

3. Advantages:

1. 5 parameters measurement, make inspection more reliable.
2. Each sensor can inspect 8 batteries at the same time, save cost.
3. ModBus standard, easy to compatible with other products.
4. Master operation condition of battery any time, tackle with battery problems in time, and eliminate accidents caused by battery failure.
5. Avoid replacing battery unreasonably, reduce battery maintenance cost.
6. Realized centralized management by the way of networking, and realized comprehensive monitoring to batteries.
7. Parameters measurements, easy and available.



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5. Use and advantages

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