

IBM :Intelligent Battery Monitoring System

Advance Intelligent battery monitoring system

CHUPHOTIC Intelligent battery monitoring system is specially designed for battery's daily monitor and maintenance, compose of unit monitor and central monitor. The adopting of data control technology, RS485 interface and online monitor system realizes the real time monitor, record the voltage, charge and discharge current, temperature of every battery. Unique on line capacity analysis technology and alarm function assist the user find out the abnormal battery easily, hence to reduce the workload of battery maintenance and improve the reliability of the system and the safety the testing.

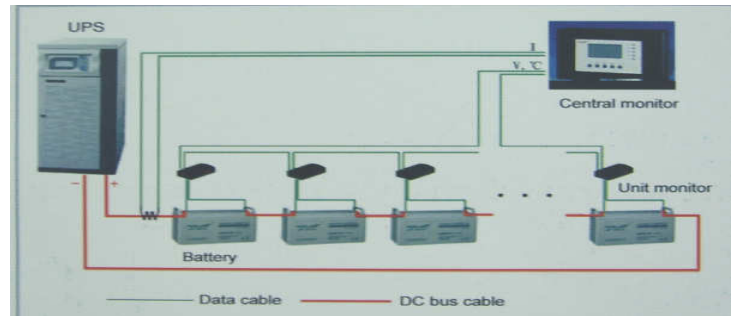
Battery monitor system gains the patent from the national patent bureau, the patent number is ZL01209813.2



Central Monitoring



Monitoring Unit



System Diagram

Specifications		Intelligent Battery Monitoring System (IBM)
Battery Type		12V Lead Acid Battery
Current Testing	Range	0 – 250A
	Precision	Discharge current $\pm 3A$, Charge current $\pm 1.5A$
Voltage Testing	Range	0 – 500V
	Precision	$\pm 2V$
	Installation	Maximum 3 groups, each group 4-32 cells
Unit Voltage	Range	0-16V
	Precision	$\pm 0.2V$
Temperature testing precision		$\pm 0.2\text{ }^{\circ}C$
Communication speed		4800BPS
Power supply		DC:160-450 VDC or AC:220 VAC
Environment	Temperature	-30 – 60 $^{\circ}C$
	Humidity	0 - 95%
Dimension (DxWxH)	Central monitor	180 x 280 x 75
	Monitor unit	85 x 140 x 35
Weight (Kg.)	Central monitor	1Kg
	Monitor unit	160g

• All specification are subject to change without prior notice.

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