

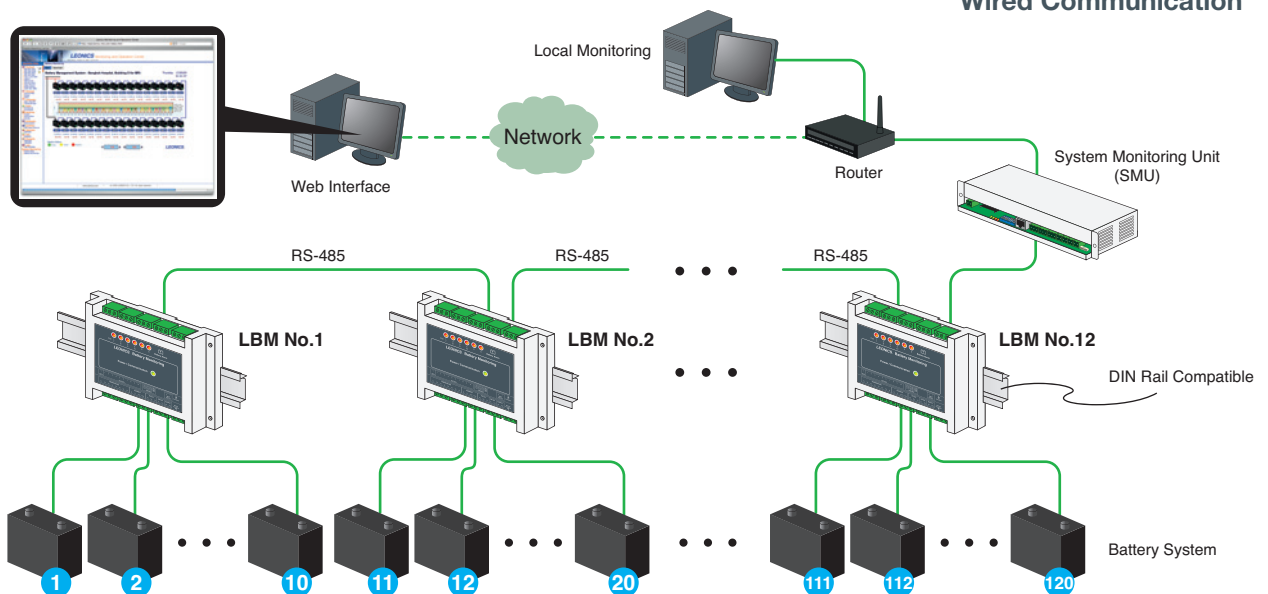
LBM-series

Battery Monitoring For DC System Management

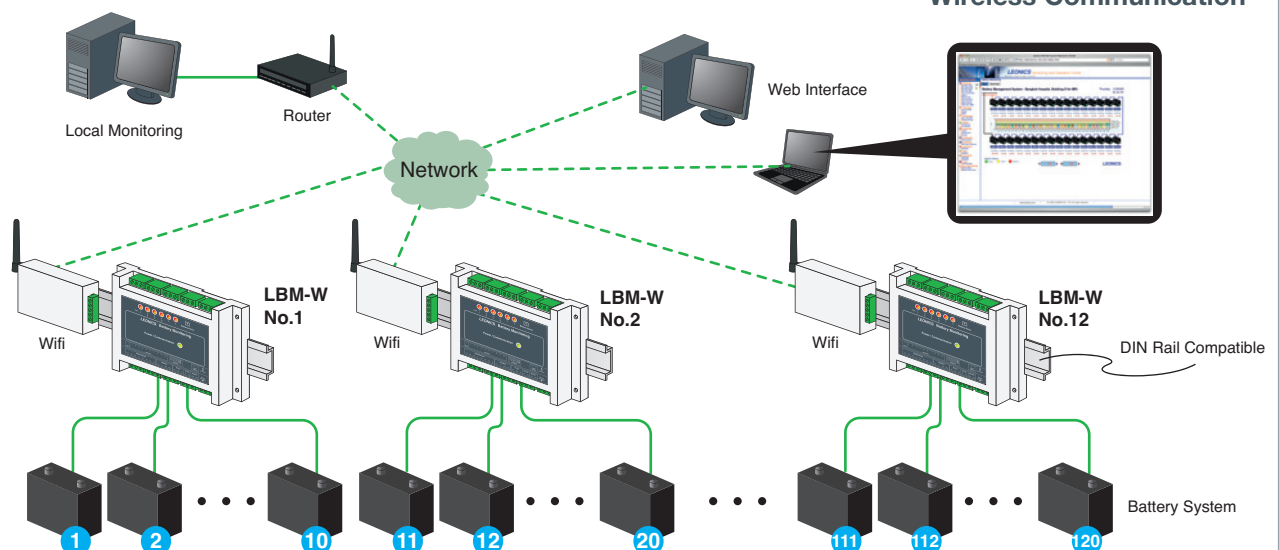


- Wired or wireless communication with data center
- 6, 8 or 10 individual cells / block voltage monitor
- String current monitor
- Maximum 6 cells temperature monitor
- 1 - 16 Vdc Voltage range per cell
- Maximum system voltage up to 750 Vdc
- Abnormal cell alarm and record
- Capable to integrated with system monitoring of battery charger or hybrid energy system controller
- Real-time and remote monitoring via www.leonics-moc.com
- Capable to read data via web server application at operation site
- Measure Ni-Cd, lead acid, or sealed lead acid batteries

Wired Communication



Wireless Communication



LBM-series Leonics Battery Monitoring

MODEL	LBM-0206	LBM-0208	LBM-0210	LBM-1206-72	LBM-1208-48	LBM-1210-120
POWER SUPPLY						
Input	9 - 27 Vdc	10 - 36 Vdc		45 - 100 Vdc	30 - 65 Vdc	80 - 170 Vdc
MEASURING SYSTEM						
Nominal voltage per cell (Ni-Cd)	1.2 Vdc	1.2 Vdc	1.2 Vdc	12 Vdc	12 Vdc	12 Vdc
Nominal voltage per cell (Lead acid/Sealed lead acid)	2 Vdc	2 Vdc	2 Vdc	12 Vdc	12 Vdc	12 Vdc
Maximum DC voltage per channel	4.5 Vdc	4.5 Vdc	3.5 Vdc	16 Vdc		
Voltage measurement	6 channels	8 channels	10 channels	6 channels	2 x 4 channels	10 channels
Current measurement	1 channel of ± 25 Amp to 2,000 Amp string current (DC-CT is not included)				2 channel of ± 25 Amp to 2,000 Amp string current (DC-CT is not included)	
Temperature measurement	Up to 6 channels for battery temperature and Ambient temperature (sensor is not included)					
COMMUNICATIONS INTERFACE						
Wired	RS-485 interface port can be connected to computer or the System Monitoring Unit (SMU) for local communication and remote communication via GSM or GPRS network					
Wireless (“W” suffix in model name)	Internet network connection via HTTP/TCP/IP protocol					
INDICATOR						
LED	Power / Communication, Battery sensor alarm for each battery					
ENVIRONMENT						
Temperature	-10 to 40°C					
Humidity	0 - 95% (non-condensing)					
ENCLOSURE						
Plastic case	UL94 V0					
DIN rail compatible	yes					
DIMENSIONS						
W x H x D (cm)	14.5 x 9.0 x 4.0 cm					
WEIGHT						
Approximate in kg.	0.3 kg					

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

Authorized Distributor

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