

GemOne®

Battery Monitoring Solution

Technical specifications



The batteries that power your industrial fleet drive your business forward. Avoid their unnecessary wear. Maximise their charge cycles. Prolong their lifespan. Our battery monitoring solution unleashes the potential of your battery-powered fleet.

Avoid unnecessary wear

Maximise charge cycles

Prolong battery lifespan

Power

Low voltage - 9-95V absolute min/max, Typically for 24V-60V batteries

High voltage - 40-150V absolute min/max, Typically for 60V-96V batteries

Physical specifications

Dimensions: 1.22 × 1.574 × 7.322 inch

Weight: 0.881lb

Ingress protection: IP68

Operating temp.: -4°F to +158°F

Conformity &

Certifications: CE, RED

Consumption

Maximum: 3W

Normal operation: 0.5 - 2W

Sleep mode: <0.3W

Hardware protection

(low voltage): 0W

Connectivity

2 status LEDs

Hardware support for CAN2.0A/B

(reserved for future use)

Bluetooth Low Energy 4.2 and 5.0

Global coverage using 4G LTE Cat 4
with 2G/3G fallback using

3 hardware versions:

EUX Europe, Middle East, Africa,
Thailand and Singapore

AUX Australia, New Zealand,
Latin America, Japan
and South Korea

AFX North America

GNSS (positioning):

Receiver: GPS/GLONASS/BeiDou

Sensors:

Digital inputs: 2

Temperature: -20°C to 110°C (1°C resolution)

Electrolyte level

Hall sensor

Current resolution: 0.1A

Low voltage: 300A

High voltage: 800A

Voltage resolution: 0.01V resolution

Low voltage: 9 - 95V

High voltage: 40 - 150V

For a more efficient battery-powered fleet

Contact us on info@gemone.com for more
information or a demonstration of the full
GemOne Battery Monitoring Solution.

