Lead-Acid Extended 4U Battery Packs
FOR ACUMENTRICS' RUGGED-UPS™ 2500

Low Maintenance, No Headaches
With these Acumentrics lead-acid battery modules, there is never any need to check specific gravity or replace or top off water. All that is needed is a charge every six months to preserve battery life.

Non-Spillable Battery
The lead-acid battery module’s sealed construction eliminates electrolyte leakage from the terminals or case, ensuring safe, efficient operation in any orientation.

Low Self-Discharge For Longer Life
At ambient temperatures between 20°C and 25°C, the self-discharge rate of the Acumentrics lead-acid battery module is less than 3% per month. This allows storage for up to six months without significant state-of-charge loss.

Operate in Any Orientation
With their sealed construction and electrolyte suspension, Acumentrics’ lead-acid battery modules can be mounted in any orientation, vertically or horizontally. (However, inversion should be avoided.)

Efficient Gas Recombination
These battery modules incorporate a unique Absorbent Glass Mat technology that effectively recombines over 99% of the gas generated during normal usage.

Hot and Cold Weather Operation
Lead-acid battery modules can be used over a broad range of ambient temperatures, allowing considerable flexibility in system design and location.

High Recovery Capability
The Acumentrics lead-acid battery modules have excellent charge acceptance and recovery capability, even after very deep discharge.

STANDARDS
EMI: MIL-STD-461-F
Environmental: MIL-STD-810-G

BATTERY SPECIFICATIONS
Average Nominal Voltage: 24 VDC
Nominal Capacity: 33 Ah
Discharge Peak Rate: 125 A
Weight: 50 lbs
Operating Temperature: -18°C to 50°C
Storage Temperature: -32°C to 66°C
Humidity: 10% to 95%

WARRANTY: 1 year

VRLA 2500 BATTERY RUN TIME VERSUS POWER
(ROOM TEMPERATURE TESTING CONDITIONS)

© 2019 Acumentrics, Inc.
Acumentrics offers user-replaceable, customizable battery packs. With high power density, these are the batteries of choice for many UPS applications. Ideally suited for hot-swap field replacements, these VRLA low maintenance batteries can be mounted in any orientation. They are designed to recharge in an Acumentrics RUPS to 90% in 4 hours, or to 100% in 8 hours.