

► LOW-MAINTENANCE ► LOW SELF-DISCHARGE

# Lead-Acid 1U Battery Packs FOR ACUMENTRICS' RUGGED-UPS™ 1251

## 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 month 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

## LFP BATTERY PACKS

For lighter weight and improved performance, Acumentrics offers LFP battery packs for all its RUPS.

## BATTERY SPECIFICATIONS

**Average Nominal Voltage:** 24 VDC

**Nominal Capacity:** 8 Ah

**Discharge Peak Rate:** 65 A

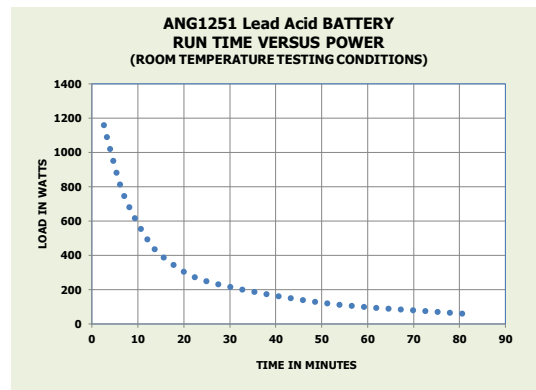
**Weight:** 14 lbs

**Operating Temperature:** -18°C to 50° C

**Storage Temperature:** -32° C to 66° C

**Humidity:** 10% to 95%

**WARRANTY:** 1 year



**RUGGED  
RELIABLE  
POWER™**

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.

