

# VRLA (Valve Regulated Lead Acid) 2U Internal Battery Packs

## FOR ACUMENTRICS' RUGGED UPS™ 1252/1625

### LOW- MAINTENANCE. LOW SELF-DISCHARGE.

#### 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.)

#### 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.

#### STANDARDS

**EMI:** MIL-STD-461-F

**Environmental:** MIL-STD-810-G

**Airborne:** RTCA/DO-160-G

#### WARRANTY

1 Year

Backward compatible with fielded units

#### SAFETY TESTING

Tested and certified to IEC 61056-1 standard

#### BATTERY SPECIFICATIONS

**Average Nominal Voltage:** 24 VDC

**Nominal Capacity:** 8 Ah

**Runtime @ 1000W:** 4 Minutes

**Weight:** 15 lbs

**Operating Temperature:** -20°C to 55° C

**Storage Temperature:** -40°C to 65° C

**Storage Temperature for Optimal Battery Life:** 10°C to 25°C

**RUGGED  
RELIABLE  
POWER™**

#### Supported Battery Packs:

ACG1252/1625 Battery Pack P/Ns:

- ACG18BP
- ACG1252BPLAF

