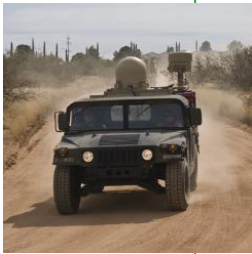


▶ LOW-MAINTENANCE ▶ LOW SELF-DISCHARGE

# Lead-Acid Extended 1U Battery Pack FOR ACUMENTRICS' RUGGED-UPS™



**RUGGED  
RELIABLE  
POWER™**

## 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

## MODELS

**ACG1UBP:** Provides 26 minutes runtime at 1kW

**ACG1UBP-C2:** Provides 18 minutes runtime at 1kW

**ACG1UBP-C3:** Provides 34 minutes runtime at 1kW  
*Recharge Time: 4 hours to 90%*

## ENVIRONMENTAL

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

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

**Humidity:** 10% to 95%

**Altitude:** 0 to 15,000 ft operating,  
0 to 40,000 ft non-operating

**Rain:** operates in blown precipitation

## DIMENSIONS/WEIGHTS

**Chassis Size (H x W x D):** 1.75" x 17" x 21"

**Case:** Aluminum

**Weight:** ACG1UBP: 42 lbs

ACG1UBP-C2: 32 lbs

ACG1UBP-C3: 55 lbs

*Weight includes cable with connectors*

## OUTPUT SPECIFICATIONS

**Output:** 24VDC nominal, 100A max

**WARRANTY:** 1 year



Acumentrics 1U Lead-Acid Extended Battery increases battery runtime up to 34 minutes while operating at full load. Easily mounted in a transit case or a 19" rack, this battery module leaves valuable real estate for other electronic components such as computers, servers and routers.

