



"Pure Lead" Sealed Lead Acid Main Ship Battery

43 Ah

Now Available for the Gulfstream III & IV
Other certified models available for GII and GII(DC)



Hawker sealed aircraft batteries have been designed for high power, long life, and low maintenance, thereby meeting a wide variety of civil and military requirements. Hawker's unique pure lead grids and high percentage (99.5%) recombination technology ensure long shelf life and fast recharge capabilities.

All of Hawker's aviation battery products are classified as non-hazardous and unrestricted for land, sea, or air transportation when correctly packed. This battery needs no regular maintenance, has no memory effect, and doesn't suffer from fading. Depending on operation and use, the battery can provide up to a 5 year life before reblocking.

Advantages:

- **Specifically designed for Gulfstream IV and III (AC) Aircraft**

- Direct form-fit-function replacement for OE Ni-Cad battery
- Compatible with existing battery charger

- **Full Replacement Warranty**

- 24 months storage prior to installation, *plus*
- 30 months after installation

- **Hot and cold performance far exceeding that of any other aviation battery.**

- Cold — 50% more cranking amps of any other equivalent-rated aviation battery at -40° C/F
- Hot — Qualified to operate at temperatures up to +75°C, with expected operating life greater than 3 years at +30°C.

- **True no-maintenance battery.**

- **Recovers From Deep Discharge**

The main current carrying structures inside a Hawker battery are constructed of pure lead-tin plates. Because of the purity of the lead, Hawker SLA batteries do not exhibit typical characteristics of Lead-Calcium and Lead-Antimony batteries. Hawker SLA batteries have exceptional charge retention and superb deep discharge recovery.

- **High Capacity**

Hawker's unique manufacturing process produces plates that are very thin – .7mm thick as opposed to the 2-4mm thick plates common to most lead-calcium SLA batteries. Thinner plates mean each cell can contain more plates without increasing the overall size or weight of the battery. More plates means the Hawker battery contains a much higher surface area contact between the positive and negative active materials, resulting in a very high discharge rate and recharge capacity.

- **Battery block replacement** at significantly less than the list price of a new battery.

- **Batteries are shipped fully charged and ready to install.**

- **Steel Case**

Epoxy coated steel case, including thermal sensor.

Certifications:

Hawker 43 Ah series batteries are STC'd and PMA'd for installation on these aircraft:

- Beechjet 400, 400A, 400T
- Boeing 747-100, -200, -300, -SP
- Cessna Citation I, II, V, Bravo, Ultra, Encore
- Bombardier CRJ-100, -200, -700, -900
- DHC-8-100, -200, -300
- EMB-120
- Falcon 2000, 2000EX
- Gulfstream III(AC), IV
- Hawker 400XP
- King Air 100, 200, 300, 90 Series
- Challenger 300 (STC Project open)



Hawker 43 Ah

Part Number 9750W0370-3



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43 Ah

SPECIFICATIONS:

Size:

9.99" x 9.72" x 10.75"

Special Mounting:

Per customer requirements

DC Connector (J1):

MS18093/MS3509

Temperature Sensor Connector (J2):

M83723/73R1212

ThermistorNominal 2700 Ohm $\pm 5\%$ @ +25°C**Qual:**

DO-160C

Weight:

91 lb. (41.28 kg)

Nominal Voltage:

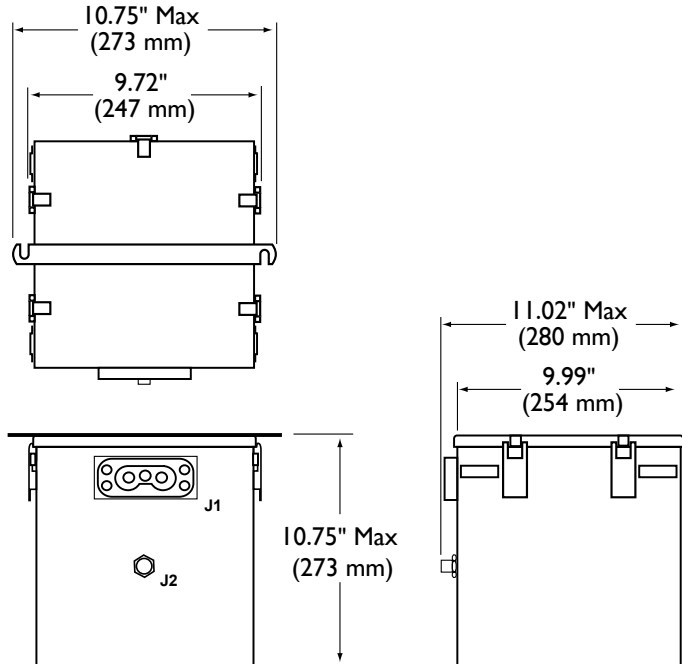
24V

Nominal Capacity:

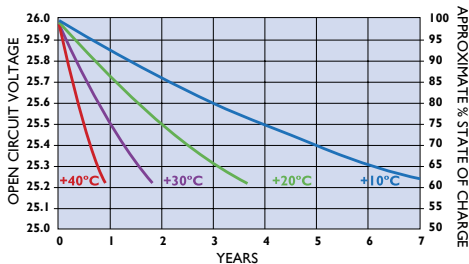
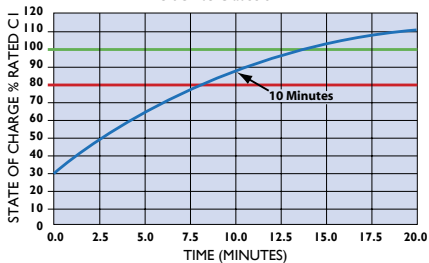
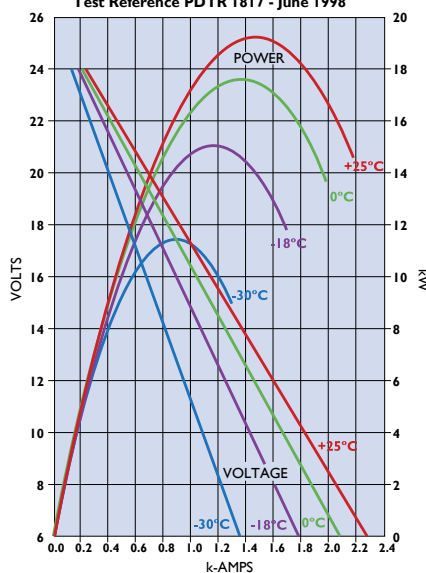
43Ah

Transportation:

Non-hazardous and unrestricted when securely packed and protected against short circuit.



PERFORMANCE CURVES:

STORAGE OF UNCOMMISSIONED PRODUCT**CHARGE ACCEPTANCE**
BS 6G 205 Clause 8.11**POWER RATING**Testing of Group B sample to Batspec 210 clause of 3.9 and IEC 952-1 clause 6
Test Reference PDTR 1817 - June 1998

EASY REBLOCKING:



Internal monoblocks can be replaced at significant savings over the replacement cost of the battery.