

# Product Capabilities

Battery Sales & Solutions

**SATAIR**

OEM PARTS  
& SERVICES

AN AIRBUS SERVICES COMPANY

# 360° Battery Portfolio

A battery portfolio offering products from world leading battery manufacturers for the aviation market, from commercial to defence, MRO to business jets and helicopters.



## Hawker Energys Boeing 777 and military batteries Hawker nickel cadmium batteries

Hawker Energys supplies original and retrospective fit batteries through Satair for a wide range of aircraft worldwide including battery and reblock kits of the flight control system on the B777.



## Saft batteries Airbus and Boeing OEM batteries

A leader in nickel cadmium batteries specialised in the new technology of ULM® (Ultra Low Maintenance) batteries with reduced battery life cycle costs and extended life time without compromising safety, performance or reliability. Applicable OEM products for a wide variety of aircraft and helicopters including Airbus, Boeing, ATR, Bell, Bombardier, Dassault, Eurocopter, Embraer, Sukhoi and Sikorsky.



## MarathonNorco Aerospace – commercial and defence applications

A leading company providing aircraft nickel cadmium, vented and sealed cell batteries since 1978. The Marathon Micro Maintenance line utilises the latest in aircraft battery technology resulting in highly reduced maintenance costs while providing improved reliability. Many applications for military products.



## Concorde business jet and defence batteries

Manufacturer of premium quality lead-acid batteries. Product lines include valve regulated sealed lead-acid batteries, VRB for aircraft as well as flooded lead-acid batteries for commercial and military aircraft.

# Most Sold Batteries and Cells – Always in Stock

Our battery shops in Miami, FL US, and Heathrow, UK, are available 24/7, 365 days a year to meet your AOG requirements.

Aircraft	Battery/Cell	Type number	Part number
A220	Battery	425CK1	416392
	Cell	CVK420KA	024187-000
A300/310	Battery	2520	2520
	Cell	VO25KA	103247
A319/320/321	Battery	2758	2758
	Cell	VHP230KA-3	410406
	Battery	285CH	416526
	Cell	CVH280KA	416548
A330/A340	Battery	4059	4059
	Cell	VHP370KA-3	165823
A330/A340	Battery	405CH	405CH
	Cell	CVH400KA	413597
A340-500/600	Battery	505CH	505CH
	Cell	CVH500KA	414984
A350/380	Battery	505CH2	505CH2
	Cell	CVH500KA	414984
B737.747.757.767	Battery	4579	018550-000
	Cell	VHP450KA-1	018520-000
B737.747.757.767	Battery	539CH1	024147-000
	Cell	CVH531KA	024257-000
	Battery	539CH2	025962-000
B737.747	Battery	40176-7	016392-000
	Cell	VP400KH	015602-000
B777	Battery	BA27-01	9750B0818
	Cell	9250-0142	9250-0142
EMB170.190	Battery	2726CH1	2726CH1
	Cell	CVH271KH	415227
EMB135.145	Battery	442CH1	442CH1
	Cell	CVH441KH	414470
Bombardier CRJ	Battery	40178-24	024453-000
	Cell	VHP430KH-3	019858-000
	Battery	1756-3	024637-000
	Cell	VP170KH	017496-000
ATR42.72	Battery	40678-2	40678-2
	Cell	VHP430KH-3	165797
	Battery	1658-6	1658-6
	Cell	VHP170KH-3	166129

# Satair Battery Shop Chargers and Solution Kits

Advanced electronic products using latest technology, performance and reliability. Working for all battery types. Contact us today to find out which equipment and solution would suit your needs and requirements.



**CHRISTIE**  
A Division of MARATHON POWER TECHNOLOGIES COMPANY  
**RF80-K**

The RF80-K battery charger/analyser charges all commonly used types of batteries such as nickel-cadmium, vented lead-acid and sealed lead-acid. The instrument also analyses batteries to determine their condition or useful capacity.



**Superseder-XG**

The Superseder-XG is a precision instrument designed to charge and analyse (discharge) nickel-cadmium, sealed lead-acid and other types of rechargeable batteries (1 OAHr to 1 OOA-Hr).



**CHRISTIE**  
A Division of MARATHON POWER TECHNOLOGIES COMPANY  
**RF80-M**

The RF80-M is the first product of its kind to feature an advanced microcontroller with touch screen display. The optional ABMS-10X PC Interface provides PC control, datalogging, diagnostics and expanded battery processing capabilities.



**MB73**

The MB73 Series chargers are designed to charge and analyse (discharge) nickel-cadmium, sealed lead-acid and other types of rechargeable batteries. Fully automatic analysis and charging cycles using a simple menu based operation – only three keystrokes needed to start the cycle.



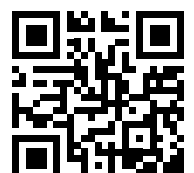
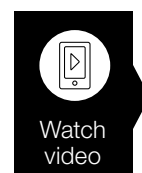
**Superseder III C**

The Superseeder III C model incorporates an additional internal shunt which allows for connection to the BTAS16 PC based operating system and allows synchronised cycle start and stop functions.



**IC50A**

Advanced model for fast automatic charging of aviation batteries. (50 amps at 24 volts). Same technology as MB73+, boosted to charge 24V batteries at 50 Amps.





# Satair Battery Maintenance Programmes

– From authorised battery shops in Heathrow, UK and Miami, FL US

Whether you are looking for an outsourcing partner or need to have a surplus partner, Satair battery shops in Heathrow, UK and Miami, FL US are ready to support you. We offer different service and repair programmes, from ad hoc to scheduled, from standard to fixed as well as leasing options, all customised to our customers' needs and requirements.

Contact us today through your Satair representative, our website or scan the QR code on the back and let's talk about a solution for your company – small or large. We handle all sizes of airlines and MROs.

## Menu pricing

### **Battery is owned by the customer**

The most basic service offered – complies with all CMM/OMM and EASA145/Dual Certification requirements. A standard labour cost is established for each of the various service functions. All spare parts required are supplied at extra cost.

The basic functions include:

- Capacity testing
- Battery overhaul
- Battery repair

## Standard costing

### **Battery is owned by the customer**

A very popular business model whereby Satair establishes a single labour cost for all battery service requirements. The price reflects both the age of the batteries and the volumes of service required and take into consideration the flying hours the battery is subjected to. Fully compliant with all CMM, FAA and EASA 145 requirements. The standard labour cost gives the customer certainty of cost and allows more accurate budgeting.

## Battery leasing

### **All batteries/boxes leased are fully identified as Satair property**

With batteries costing between \$5k-\$10k this option seeks to provide all servicing requirements over a defined period and removes the need for capital expenditure.

Classed as an operating lease, the battery ownership is retained by Satair. Subject to country legislation, elements of VAT may be offset against the costs. The customer pays a single monthly cost that is fixed for the lease period.

## Buy back & total service provision

### **All batteries/boxes leased are fully identified as Satair property**

Under certain conditions, Satair will buy the full battery stock from the customer and establish a monthly charge including all replacement parts, new batteries and servicing. This option must be contract backed and with customers considered to be financially secure. Injects capital back into the customer's business. Requires an in-depth knowledge/analysis of usage patterns and battery condition.

# Satair Battery Sales & Solutions

The unique and obvious choice for all your battery and repair shop requirements.

Satair is the oldest and most experienced distributor of lead-acid and nickel-cadmium batteries for aircraft and helicopters. Our Battery Sales & Solutions unit was founded in the mid 50s and we were the first nickel-cadmium aircraft battery distributor in the US.

We have since grown to represent a number of distinguished leading battery, charger and repair shop equipment manufacturers serving a worldwide market including commercial and regional airlines, cargo and corporate aircraft operators, MROs and international defense organisations.

In addition to batteries, cells and spare parts, we also supply a wide range of battery servicing equipment. We frequently give technical seminars to ensure that our customers receive maximum life and peak performance from the products we sell.

In addition to distribution, Satair's Heathrow and Miami operations are specialised in the testing and repair of batteries, which are handled by the most knowledgeable team of technicians in the industry.

## Satair offers:

- A large inventory of aviation batteries and cells
- 24/7 sales & service
- FAA/EASA approved service centers for over 30 years
- Experienced battery service technicians
- Charged and serviced batteries delivered and ready to install
- Factory authorised warranties
- Maintenance training
- Dependable aftersales support
- Maintenance programmes – logistic support and service
- Chargers/analysers & test systems
- Water filling systems
- Ground power units
- Connectors and emergency packs
- Haz-mat transport containers

## Contact our battery shops

### Satair UK Ltd.

Unit 3 Space Way  
North Feltham Trading Estate  
Feltham, Middlesex, TW14 0TH  
Tel: +44 208 561 4211  
mailsaleshr@satair.com

EASA: UK.145.0518  
Maintenance Organisation  
FAA: WL5Y964N - Repair Station  
ISO9001: FM 34947 - Assembly,  
test, repair, stockholding and supply  
of aircraft batteries.

### Satair USA, Miami, FL

11255 NW 106th Street Suite 6,  
Building 1 Miami, FL 33178, USA  
Tel: +1 305 863 7620  
satairinq@satair.com

### Repair Station Certificate

FAA AAC No: 19UR764B  
EASA:145.6782  
AS9100:2009 - EN9100:2009  
AS9120:2009 - EN9120-2010  
ISO9001:2008 - Assembly, test, repair,  
stockholding and supply of aircraft batteries.

Visit our SatairSpares portal at  
[spares.satair.com](http://spares.satair.com)

## General contacts (not Battery related)

### Satair A/S

Copenhagen, Denmark  
Tel: +45 3247 0100  
info@satair.com

### Satair Pte.Ltd.

Singapore  
Tel: +65 6543 0977  
infosin@satair.com

### Satair USA Inc.

Ashburn, USA  
Tel: +1 703 729 4300

### Satair Inc. USA

Peachtree City, USA  
Tel: +1 404 675 6333  
satairinq@satair.com

### Airbus Africa & Middle East FZE

Dubai, United Arab Emirates  
Tel: +971(0)4 299 8080

### Follow us on



[www.satair.com](http://www.satair.com)

### Airbus SAS

Hamburg, Germany  
Tel: +49 (0)40 5076-0

### Satair (Beijing) Co.Ltd.

Beijing, China  
Tel: +86 10 8048 6161  
infochn@satair.com

### Satair USA Inc.

(Repairs and Production)  
Miami FL, USA  
Tel: +1 305 863 7620  
satairinq@satair.com

### Satair UK Ltd.

(Battery Shop)  
Middlesex, United Kingdom  
Tel: +44 208 561 4211  
mailsaleshr@satair.com

Satair is a key part of the Airbus Customer Services unit and a \$1.8 billion-turnover global company with more than 1,400 employees, operating from 10 locations worldwide. The company supports the complete life cycle of the aircraft with a full and integrated portfolio of flexible, value adding material management products, services and tailored support modules across all platforms. Satair is a stand-alone company and AIRBUS subsidiary. To learn more about Satair, visit [www.satair.com](http://www.satair.com), or follow the company on Twitter: @Satair\_aviation

# SATAIR

AN AIRBUS SERVICES COMPANY