



Concorde Battery Corporation has manufactured QPL / QPD aircraft batteries since 1979. Over the years new batteries have continually been added to the product line, most recently for the F-16 Pre-Block 40 and Block 40/50.

Concorde recombinant gas, valve regulated, sealed aircraft batteries are advanced lead acid, absorbed glass mat (AGM) technology designed by a team experienced in developing Military Aircraft Battery Specifications and tasked with composing FAA and International Aircraft Battery Standards.

**Concorde Advantages:**

Concorde's proprietary PolyGuard® protection is a microporous polyethylene separator used around the positive plate and AGM to prevent shorting from shock and vibration. Concorde is the only manufacturer using an additional separator and providing this added layer of protection.

- Larger than the industry standard intercell connections.
- Recovers from deep discharge.
- No threat of thermal runaway.
- No memory effect.
- Maintenance free, cell equalization & electrolyte adjustment not required.
- Can be serviced in Ni-Cd battery shops.
- Classified as non-spillable, unrestricted for land, sea or air transportation.

Altitude range: Up to 70,000 ft. / 21,336 m

Operating temperature range: -40°C to 71°C / -40°F to 160°



Concorde Military Aviation Battery Series - 24 Volt	Aircraft Application	NSN		L x W x H (inches)	
		Specification/Part No.	Capacity	Max Wt	
	CH-53 EA-6B	6140-01-474-6576	1.5 Ah	8.5 x 4.5 x 3.8	
		<b>D8565/1-2</b>		6.83 lbs	
	F/A-18A, B, C, D H-46	6140-01-131-8104	7.5 Ah	6.6 x 11.4 x 5.7	
		<b>D8565/4-1</b>		26 lbs	
	C-130 thru H P-3 T-37 UH-1 H-53	6140-01-266-1633	30 Ah	12.1 x 10.6 x 10.3	
		<b>D8565/5-1</b>		80.1 lbs	
	Ground Power	6140-01-266-1634	30 Ah	12.1 x 11.7 x 10.3	
		<b>D8565/5-2</b>		80.1 lbs	
	S-3 Viking CH-47 Chinook	6140-01-267-9594	1.5 Ah	6.8 x 7 x 3.3	
		<b>D8565/6-1</b>		6.4 lbs	
	AV-8B/TAV-8B V-22 VH-60	6140-01-422-0006	24 Ah	11.5 x 11.7 x 9.1	
		<b>D8565/7-2</b>		63.8 lbs	
	CH-47 H-60, all variants F-4 F-5 T-38	6140-01-286-6294	10 Ah	9.8 x 8.3 x 7.8	
		<b>D8565/11-1</b>		34.8 lbs	
	C-5 KC-135 P-3	6140-01-392-0504	10 Ah	5 x 12.8 x 6.2	
		<b>D8565/13-1</b>		30.9 lbs	
	F/A-18E, F	6140-01-420-8988	15 Ah	7 x 12.8 x 6.3	
		<b>D8565/14-1</b>		41.1 lbs	
	KC-135 C-130J	6140-01-399-6835	35 Ah	12.1 x 11 x 10.4	
		<b>D8565/15-1</b>		89.8 lbs	

Concorde Military Aviation Battery Series - 24 Volt	Aircraft Application	NSN		L x W x H (inches)	
		Specification/Part No.	Capacity	Max Wt	
	UH-60	6140-01-498-2223	5 Ah	7.4 x 9.2 x 4.6	
		<b>D8565/16-1</b>		14.6 lbs	
	EA-6B	6140-01-555-6118	0.33 Ah	6.8 x 5.5 x 2.5	
		<b>D8565/17-1</b>		3.5 lbs	
	F-5	6140-01-550-2119	10 Ah	6.7 x 12.3 x 5.4	
		<b>D8565/18-1</b>		33 lbs	
	pre-Block 40 F-16	6140-01-458-4863	15 Ah	10.1 x 12 x 6.3	
		<b>D8565/19-1</b>		50 lbs	
	Block 40/50 F-16	6140-01-492-0227	17 Ah	11.6 x 10.3 x 6.3	
		<b>D8565/20-1</b>		50 lbs	

**Non-Standard Battery**

	B-1B	6140-01-417-3244	15 Ah	10.5 x 8.78 x 6.4	
		<b>RG-B1B</b>		50 lbs	

**Commercial Batteries**

	T-1A	<b>RG-380E/40L</b>	38 Ah	10.4 x 11.8 x 10.2	
				84 lbs	
	C-21	<b>RG-380E/44K</b>	42 Ah	10.4 x 11.7 x 10.2	
				89 lbs	
	AT-6A	<b>RG-380E/44KS</b>	42 Ah	10.4 x 11.7 x 10.2	
				91 lbs	



Concorde Battery Corporation was founded in the mid 1970's by an experienced battery manufacturing group who believed that by surrounding themselves with smart people they could successfully develop a premium aircraft battery. One of their first challenges was designing an efficient and reliable pressure relief valve for valve regulated lead acid batteries. By 1979 this was accomplished in concert with the development of a high performance and highly reliable sealed lead acid, AGM battery and culminated in the first aircraft battery QPL. This served as a launch point into civil aviation and the first FAA certification was approved in 1987.

Since that time work has continued to improve and expand the aircraft product line with a focus on the commitment to provide customers with the best performing and highest quality battery. Building on that focus and leveraging capabilities for designing to specific applications, as opposed to offering only a standard product line, has led to Concorde's success with more than 90 different models and more certified installations as OE or replacements than any other lead acid aircraft battery manufacturer worldwide.

Utilizing expertise gained in the aircraft product line, Concorde has also been successful in other markets such as Lifeline® batteries in the RV and Marine sector, Sun Xtender® batteries in the Solar and Renewable Energy sector and Chairman® batteries in the Motive Power and Utility Vehicle sector.

People are the most important component to the success of a company and Concorde is fortunate to have a staff with over 150 years of battery manufacturing, designing and aircraft system experience. Concorde is also proud to have staff members highly regarded in the industry who have been called upon to develop Mil Spec Standards as well as International and FAA aircraft battery standards.

The data/information contained herein has been reviewed & approved for general release on the basis that this document contains no export controlled information.