

...the heart of your aircraft®
CONCORDE



RESPECTED

PROVEN

RECOGNIZED

A Tradition of Excellence



Concorde Goes to the South Pole 2016
RG-380E/44 installation
Photo provided by Kenn Borek Air

Recognized and Respected

for over forty years of advanced battery design, Concorde Battery Corporation steadily built a reputation for engineering and crafting THE premium Recombinant Gas (RG®) lead acid aviation battery. Founded on a tradition of excellence, Concorde's Platinum Series® sealed lead acid batteries are universally recognized. Ask hangar mates, maintenance directors, pilots and airframe manufacturers, when it comes to performance, reliability, durability, customer service and support, Concorde is the first choice.

You will find Concorde RG Series batteries operating in a majority of turbine powered aircraft across the globe. Worldwide, from the USA to Australia, Europe to Asia, operating across a broad range of aircraft applications and environmental conditions; hot, cold and everything in between, Concorde performs the first time, every time. When performance counts, count on Concorde batteries.

We know that you expect your battery to provide consistent, reliable engine starting performance AND emergency, standby power. This is why every Concorde battery is subjected to rigorous testing during critical phases of the manufacturing process. Every Concorde battery is capacity tested, high rate tested (simulating an engine start) and charged before it leaves our facility. You know that, out of the box, when you need power, Concorde delivers. In the rare event of an in-

flight emergency, these processes ensure Concorde batteries will deliver critical emergency power to ensure you can get your aircraft back on the ground.... safely.

Flexibility is another key characteristic of Concorde turbine engine and emergency batteries. Concorde designs and manufactures application specific solutions that integrate seamlessly into your aircraft electrical system. Concorde batteries can be configured in any of the following combinations: polypropylene, stainless steel or aluminum battery cases, with or without temperature sensors or internal heaters assembled with heater control units.

The adage, "you get what you pay for" applies. Concorde batteries provide the lowest overall total cost of ownership. When you factor in superior service life, outstanding performance and industry leading customer service, you have an unbeatable package. Also, unlike other battery technologies, Concorde batteries ship hazmat exempt. Relative to competing electro-chemistries, this alone allows you to realize tremendous cost savings. Last, but certainly not least, our batteries are fully recyclable. After all, we want to make sure we take care of the environment. Think green!

PROVEN, SAFE and RELIABLE. The answer is obvious. Why use anything else? YOU have a choice and the choice is obvious because ...

All aircraft depicted in this catalog fly with Concorde Batteries installed.

...Flying is Easier with Concorde Batteries



FOR COMPLETE ELIGIBILITY LIST INFORMATION PLEASE VISIT WWW.CONCORDEBATTERY.COM OR CALL US.

RG-380E SERIES 24 VOLT BATTERIES



RG-380E/44



RG-380E/46K



RG-380E/60LH-3
(RG-380E/60LH
assembled with HCU-3)

 CRAFTED FOR QUALITY
IN THE USA

RG-380E Series

Flexibility and Versatility The RG-380E Series of batteries provides unparalleled performance and value. The Series is the most popular in Concorde's line. The RG-380E container size offers multiple capacities and is available in polypropylene, aluminum or stainless steel battery cases, with temperature sensor and heater blanket options. There is an RG-380E battery that will meet your needs. Quality, Performance...PROVEN!

ELECTRICAL RATINGS

BY SERIES	C1 RATED CAPACITY AH	IPP 23°C / 74°F	IPR	IPP -18°C / 0°F	IPR	IPP -30°C / -22°F	IPR	TSO AUTHORIZED
RG-380E/40	38	1350	1050	900	750	650	550	✓
RG-380E/44	42	1350	1000	875	750	750	600	✓
RG-380E/46	46	1375	1050	1075	850	875	675	✓
RG-380E/60	48	1600	1200	1200	950	900	700	✓
RG-380E/53	53	1650	1200	1325	1000	1125	800	✓

MAXIMUM WEIGHT BY CONTAINER TYPES

BY SERIES	STANDARD POLYPROPYLENE	GH ALUMINUM	K/L FIRE RESISTANT ALUMINUM	KH/LH	KS/LS FIRE PROOF STAINLESS STEEL	KSH / LSH
RG-380E/40	81 Lbs/36.7 Kg	85 Lbs/38.3 Kg	84 Lbs/38.1 Kg	84 Lbs/38.1 Kg	86 Lbs/39.0 Kg	86 Lbs/39.0 Kg
RG-380E/44	86 Lbs/39.0 Kg	90 Lbs/40.6 Kg	89 Lbs/40.4 Kg	89 Lbs/40.4 Kg	91 Lbs/41.3 Kg	91 Lbs/41.3 Kg
RG-380E/46	86 Lbs/39.0 Kg	90 Lbs/41 Kg	89 Lbs/40.4 Kg	89 Lbs/40.4 Kg	91 Lbs/41.3 Kg	91 Lbs/41.3 Kg
RG-380E/60		97 Lbs/44 Kg	96 Lbs/43.6 Kg	96 Lbs/43.6 Kg	98 Lbs/44.5 Kg	98 Lbs/44.5 Kg
RG-380E/53		98 Lbs/44.5 Kg	96 Lbs/43.6 Kg	97 Lbs/44.0 Kg	98 Lbs/44.5 Kg	99 Lbs/44.9 Kg

K — Aluminum Container w/ Vent Louvers

L — Aluminum Container w/ Vent Tubes
& Temperature Sensor Mount

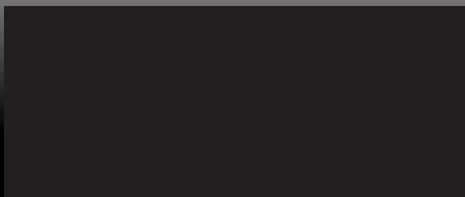
S — Stainless Steel Container

H — Heater Control Unit Mount

GH — Aluminum Container w/ Vent Tubes
& Heater Control Unit Mount

K(S) Aluminum or Stainless Steel Container

Vent Louvers





RG-390E



RG-390E/L



RG-390E/KH-4
(RG-390E/KH assembled with HCU-4)

RG-390E Series

Performance and Value Clearly aviation moves us all. The RG-390E Series batteries provide outstanding performance in multiple configurations. Polypropylene, stainless steel and aluminum battery cases, MS3509 or M8 terminal connectors with temperature sensor and heater blanket options. If you haven't done so already, make your move to the RG-390E battery. Quality, Flexibility...PROVEN!

ELECTRICAL RATINGS

BY SERIES	C1 RATED CAPACITY AH	IPP 23°C / 74°F	IPR	IPP -18°C / 0°F	IPR	IPP -30°C / -22°F	IPR	TSO AUTHORIZED
RG-390E/25 (S) & RG-325	25	1000	650	750	600	550	450	✓
RG-390E (S)	28	1350	950	1025	800	800	600	✓
RG-390E/30 (S) & RG-330	30	1525	1100	1100	800	875	600	✓

MAXIMUM WEIGHT BY CONTAINER TYPES

BY SERIES	STANDARD POLYPROPYLENE	K/L FIRE RESISTANT ALUMINUM	KS/LS	KH/LH FIRE PROOF STAINLESS STEEL	KSH/LSH
RG-390E/25 (S)	53 Lbs/24 Kg	55 Lbs/24.9 Kg	57 Lbs/25.9 Kg		
RG-325	52 Lbs/23.6 Kg				
RG-390E (S)	62 Lbs/28.1 Kg	62 Lbs/28.1 Kg	64 Lbs/29 Kg	62 Lbs/28.1 Kg	64 Lbs/29 Kg
RG-390E/30 (S)	63 Lbs/28.6 Kg	65 Lbs/29.5 Kg	66 Lbs/29.9 Kg		
RG-330	61 Lbs/27.7 Kg				

K — Aluminum Container w/ Vent Louvers

H — Heater Control Unit Mount

L — Aluminum Container w/ Vent Tubes & Temperature Sensor Mount

S — Polypropylene Container with Short 1/8" NPT threaded vent tubes

KS/LS — Stainless Steel Container



RG-330

Polypropylene Container

Vent Tubes, Aluminum Cover

L(S) Aluminum or Stainless Steel Container

Vent Tubes and Temp Sensor Mounting Plate

K(S)H Aluminum or Stainless Steel Container

Vent Louvers and Heater Control Unit Mounting Plate

L(S)H Aluminum Container with Stainless Steel Option

Vent Tubes and Heater Control Unit Mounting Plate

RG-325 & RG-330 Polypropylene Container

M8 Terminal Connections

**RG-390E/25S, RG-390ES & RG-390E/30S
Polypropylene Container**

Short 1/8" NPT Threaded Vent Tubes, Aluminum Cover

TURBINE ENGINE STARTING BATTERIES 24 VOLT



 CRAFTED FOR QUALITY
IN THE USA

Turbine Engine Starting Batteries

Be assured that you will avoid hot, dragging engine starts with Concorde Turbine Engine Starting Batteries. Designed to provide the most reliable and consistent outrush power to get you underway in -40°C to 70°C ensures cool starts for less wear and tear on your engine, and reduces overall cost of ownership for your aircraft. Proven Reliability, Safety & Longevity... Concorde Turbine Engine Starting Batteries.

Main Batteries can also be used as auxiliary or emergency/stand by batteries

	C1 RATED CAPACITY AH	IPP 23°C / 74°F	IPR	IPP -18°C / 0°F	IPR	IPP -30°C / -22°F	IPR	MAXIMUM WEIGHT LBS	KG	TSO AUTHORIZED
RG-145-1	17	900	625	600	425	450	300	42.5	19.7	✓
RG-145-2*	17	900	625	600	425	450	300	42.5	19.7	✓
RG-206	17	900	625	600	425	450	300	42	19.1	✓
RG-209	22	900	600	700	525	575	425	50	22.7	
RG-213	13	950	625	625	400	425	275	33	15	✓
RG-220	21	1100	800	800	600	625	425	44.1	20	✓
RG-222	17	900	625	600	425	450	300	43	19.5	✓
RG-223	17	900	625	600	425	450	300	43	19.5	✓
RG-224	24	1025	650	725	500	575	400	51	23.1	✓
RG-235	44	1200	950	1025	800	875	675	86	39	✓
RG-292-102	17	900	625	600	425	425	300	43.5	19.7	✓
RG-292-103A	24	1025	650	725	500	575	400	53	24	✓
RG-325	25	1000	650	750	600	550	450	52	23.6	✓
RG-330	30	1525	1100	1100	800	875	600	61	27.7	✓
RG-332-1	44	1200	950	1025	800	875	675	88	39.9	✓
RG-332-2*	44	1200	950	1025	800	875	675	88	39.9	✓
RG-350	17	900	625	600	425	450	300	41	18.6	✓
RG-355	17	900	625	600	425	450	300	41.5	18.8	✓
RG-365	43	1075	875	800	675	650	550	81	36.7	✓
RG-375*	28	1350	950	1025	800	800	600	62	28.1	✓
RG-380E/40D	38	1350	1050	900	750	650	550	85.3	38.7	✓
RG-380E/60B	48	1600	1200	1200	950	900	700	96	43.6	✓

* Heated



	C1 RATED CAPACITY AH	IPP 23°C / 74°F	IPR	IPP -18°C / 0°F	IPR	IPP -30°C / -22°F	IPR	MAXIMUM WEIGHT LBS	KG	TSO AUTHORIZED
RG-385	13	700	500	500	325	350	225	34	15.4	
RG-400E/13	13	950	250	615	125	400	100	36.5	16.6	✓
RG-407	27	1225	900	1000	825	800	650	62	28.2	✓
RG-418-1	28	1350	950	1025	800	800	600	63.9	29	
RG-418-2*	28	1350	950	1025	800	800	600	63.9	29	
RG-41/53	53	1650	1200	1325	1000	1125	800	96	43.6	✓
RG-42	17	900	625	600	425	450	300	43	19.5	✓
RG-427	34	1800	1200	1325	650	1025	500	79	35.8	✓
RG-441	44	1200	950	1025	800	875	675	86	39	✓
RG-442	44	1200	950	1025	800	875	675	86	39	✓
RG-443	11	733	521	448	331	313	204	27	12.3	
RG-445C	18	1050	700	725	575	550	375	43	19.5	✓
RG-445E	18	1050	700	725	575	550	375	43	19.5	✓
RG-46	12	700	500	500	325	350	225	34	15.4	
RG-47	17	900	625	600	425	450	300	43	19.5	✓
RG-49	17	900	625	600	425	450	300	42	19.1	✓
RG-500	17	900	625	600	425	450	300	42	19.1	✓
RG-600-1	17	900	625	600	425	450	300	42	19.1	✓
RG-600-2	17	900	625	600	425	450	300	42	19.1	✓
RG-624	24	1025	650	725	500	575	400	52	23.6	✓
RG-641	17	900	625	600	425	450	300	41.5	18.8	✓
RG-76	44	1997	1678	1410	1230	1130	760	99	44.9	
RG-CIS25	26	1375	950	975	625	750	450	66	29.9	✓

* Heated



Stand By & Emergency Batteries

Concorde's proven technology provides reliable performance that protects and extends the life of avionics. These batteries are designed to float directly on the DC buss with high inrush current for fast recovery time and extended battery life. Concorde batteries are self regulating and will accept only the current required to maintain a charge. There is no need for a dedicated charger.

	C1 RATED CAPACITY AH	MAXIMUM WEIGHT LBS	MAXIMUM WEIGHT KG	TSO AUTHORIZED
RG-120	0.7	3.5	1.6	
RG-121-1	2	6.4	2.9	✓
RG-121-2*	2	6.4	2.9	✓
RG-121-3	3.3	10	4.6	✓
RG-121-4*	3.3	10	4.6	✓
RG-122-1	2	6.4	2.9	✓
RG-122-2*	2	6.4	2.9	✓
RG-122-3	3.3	10	4.6	✓
RG-122-4*	3.3	10	4.6	✓
RG-123*	11	26	11.8	
RG-123-1	11	26	11.8	
RG-124*	17	41.2	18.7	
RG-124-1	17	41.2	18.7	
RG-125	3.5	11.95	5.4	✓
RG-126	3.5	11.95	5.4	✓
RG-128-1	3.8	11.2	5.1	✓
RG-128-2	3.8	11.2	5.1	✓
RG-128-3	3.8	11.2	5.1	✓
RG-129*	3.8	11.2	5.1	✓

	C1 RATED CAPACITY AH	MAXIMUM WEIGHT LBS	MAXIMUM WEIGHT KG	TSO AUTHORIZED
RG-130-1	11	26	11.8	
RG-130-2*	11	26	11.8	
RG-131	12	31	14.1	✓
RG-132	6	14.5	6.6	✓
RG-135+	2	6.8	3.1	
RG-140	7	14.6	6.6	
RG-150-1	3.5	14	6.4	✓
RG-150-1-Y	3.5	14	6.4	✓
RG-150-2*	3.5	14	6.4	✓
RG-150-2-Y*	3.5	14	6.4	✓
RG-150-5-Y	3.5	14	6.4	✓
RG-150-6-Y*	3.5	14	6.4	✓
RG-162	17	50	22.7	
RG-300	3.3	9.6	4.4	✓
RG-343	11	27	12.3	
RG-412-1	15	47.4	21.5	
RG-412-2*	15	47.4	21.5	
RG-616	6	16.7	7.6	✓

* Heated + includes Internal AC Charger

Training

Never underestimate the value of education. We at Concorde Battery Corporation place this at a premium and are actively engaged in many aspects of training throughout the industry. Whether you are interested in a comprehensive course covering battery theory, maintenance and hands on training or if you require an Inspection Authorization Refresher Course to meet IA Requirements, Concorde has you covered.

Over the years, myths and legends have managed to evolve and grow regarding that box of energy, the battery that is in your aircraft. It is surprising how much misinformation is out there and it is accepted as fact. Remember why we have a battery in the aircraft to begin with; not only is it required to start your aircraft but most importantly it is your last line of defense should your electrical system decide to take the day off. Concorde Battery Corporation wants to empower you with the knowledge to ensure you're always prepared with an airworthy battery and to make sure it will provide you with years of trouble free service.

Training Classes

Have you ever wondered, how does it work? How do I properly take care of it (yes, you really do need to do that)? What can I do to maximize the service life of my battery? Am I properly charging the battery? All this and more is covered in our Battery Maintenance Training Class. Taught by FAA approved instructors drawing on their years of experience in the industry, you will be immersed in a technical seminar that will pull back the curtain on what actually goes on inside the battery.

We begin the training session with an overview of batteries and theory of various electro-chemistries (lead acid, NiCd and Li-ion). We discuss commissioning a battery and your responsibilities as a mechanic, pilot or service center installing a battery. The testing process is covered in depth so you understand how to properly determine if this is an airworthy unit. Interested in extending the battery's service life? The processes you have at your disposal to recover a battery's capacity are thoroughly covered with hands on training. Additionally, proactive steps you can implement to maximize the service life of your battery are discussed. At the end of the training, you'll be armed to engage in cost savings AND ensure a safe, reliable battery is operating in your aircraft.



Virtual Events

Concorde Battery Corporation's Virtual IA Renewal Series and the in-person IA Renewal events are free aviation maintenance training sessions available to all: inspectors, maintenance professionals, pilots, operators, aviation professionals, students and enthusiasts.

The Concorde Battery Virtual IA Renewal Series provides access to 8 hours of maintenance training by prominent speakers from the comfort of your device. Distinguished speakers present one-hour courses on Piston, Turbine and Rotorcraft specific topics. Earn IA credit as needed through these broadcasts brought to you in the first quarter of each year.

In Person Events

The Annual Concorde Battery IA Renewals are in person full day events with expert presenters who are eager to interact with you once again. Concorde's in person events offer you the opportunity to earn your 8 hours of IA credit and leave with your certificate.

Additionally, Concorde presents at numerous IA Renewals and maintenance seminars around the world. Visit www.concordebattery.com to find the global events where you can meet Concorde Battery and learn how to maximize the life of your battery and get the most out of your investment.

Let's fly, let's do it safely. Remember, Flying is Easier with Concorde!

Interested? Please contact Concorde Battery Corporation and we will be more than happy to answer any questions you might have about the value this training can bring to you. customer-service@concordebattery.com

The item or technical data contained herein has been reviewed and approved for general release on the basis that it contains no export-controlled information.



Batteries are available for purchase through any Concorde Battery Distributor.



CONCORDE BATTERY CORPORATION Specializing in application specific solutions since 1977.

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