

Embraer Phenom 100

Certified Sealed Lead Acid Battery Installation

PHOTOGRAPH PROVIDED BY EXECUTIVE AIRSHARE



FAA STC SA01633WI
Canada File Ref. No.
M 5012-38-SA01633WI (MAHI)
Brazil STC 2012S04-08
EASA ESTC 10040738

Main Battery Upgrade –

Gill 7639-27(24V, 27AH) or 7639-30LT (24V, 30AH) batteries (forward and aft) are replaced with RG-390E (24V/28Ah) or RG-390E/30 (24V/30Ah) batteries for engine starting and essential loads.

- Reduced cost per flight hour
- Increased service life
- Increased capacity for improved performance
- Proven reliability

Made in the U.S.A.



STC provides for the installation of two RG-390E or RG-390E/30 batteries in place of the original equipment lead acid batteries in Embraer EMB-500 aircraft. It is permissible to replace Battery 1 alone, Battery 2 alone, or both batteries.

- 1) Remove existing lead acid battery in accordance with (IAW) Embraer EMB-500 Aircraft Maintenance Manual.
- 2) Concorde RG-390E or RG-390E/30 batteries are drop-in replacements installed IAW EMB-500 Aircraft Maintenance Manual.
- 3) Perform the battery operational test IAW EMB-500 Aircraft Maintenance Manual.

"Executive AirShare has replaced the original batteries in our Embraer Phenom fleet with the Concorde batteries. We have been very pleased with the results. The in service life of the batteries is almost double, and the in-the-field failure rate has been dramatically reduced." - Gary Veer, Director of Maintenance at Executive AirShare

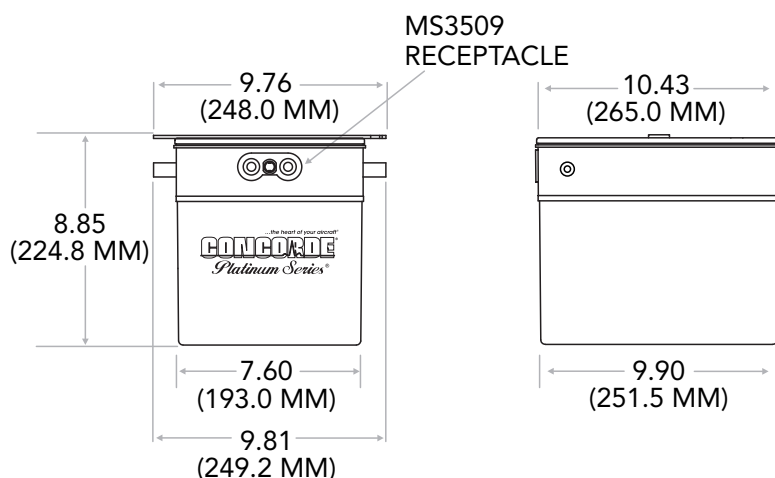
CONCORDE BATTERY CORPORATION

2009 San Bernardino Road | West Covina, CA 91790 USA
626-813-1234 | Fax 626-813-1235 | www.ConcordeBattery.com
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...the heart of your aircraft®
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Main Battery Upgrade –
 RG-390E, 28Ah
 RG-390E/30, 30Ah



Part Number	Rated Capacity C1 in Ah	IPP 23°C / 74°F	IPR 23°C / 74°F	IPP -18°C / 0°F	IPR -18°C / 0°F	IPP -30°C / -22°F	IPR -30°C / -22°F	Maximum Weight
RG-390E	28 Ah	1350	950	1025	800	800	600	62.0 LB / 28.1 KG
RG-390E/30	30 Ah	1525	1100	1100	800	875	600	63.0 LB / 28.6 KG

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.

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