

### Configuration:

**880AH / 660 nominal**

Eight 6V batteries in series/parallel. Only 6 batteries (3 pairs) are used at one time.

### Location:

Under Companionway/Galley Floorboards

Cables: #2AWG

Make round trip distance on all cables the same within 2". (79")

Jumpers are 10"

Connect in star pattern to post. Run main lead to charger/inverter off of bus bar or UNDER the stack of terminals. If no room, put main lead between battery leads using 3 posts.

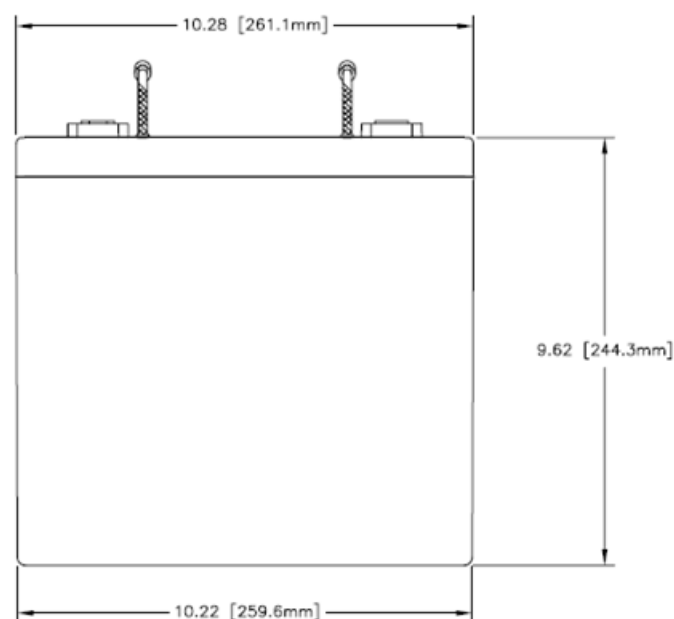
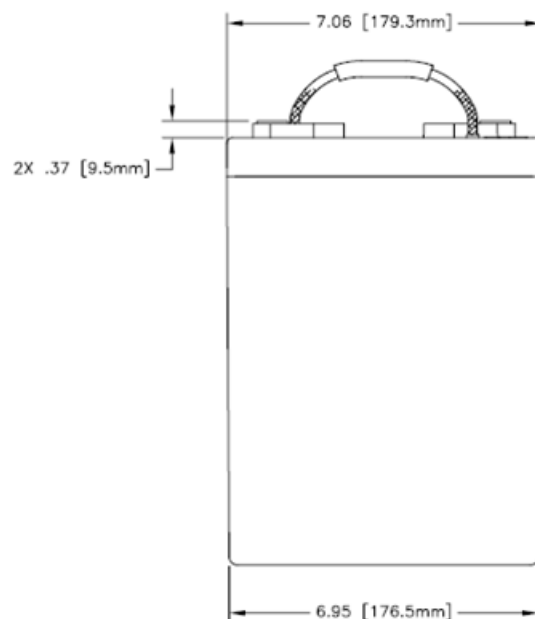
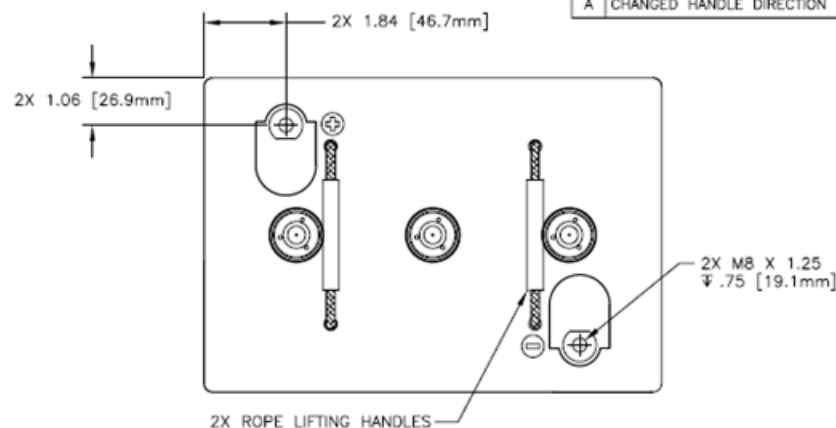
Every month take a battery pair (2 x 6V) off line and swap in a new pair. This will both reduce the possibility of an H/O<sup>2</sup> explosion and greatly extend the overall life of the battery bank.

Cable Lengths		
#	Red	Black
1	26"	53"
2	45"	34"
3	34"	45"
4	37"	42"

NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE DRAWING NO. CB-00288 AND PROCEDURE P-1000 FOR ASSEMBLY AND TEST INSTRUCTION. PROCEDURES AND ASSEMBLY DRAWING ARE FOR INTERNAL USE ONLY.
2. ALL TESTING IS PERFORMED IAW BATTERY COUNCIL INTERNATIONAL STANDARD.
3. ALL DIMENSIONS ARE IN INCHES [MM]
4. TERMINAL HARDWARE KIT PROVIDED, PART NUMBER 6923

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	CHANGED HANDLE DIRECTION	2/26/07	JBT



# ENVELOPE DRAWING

CAPACITY RATINGS	
PART NUMBER	GPL-4CT
NOMINAL WEIGHT	66 LBS [30.0 KG]
AMPERE HOUR CAPACITY @ 20 HOUR 1.75 VOLTS/CELL @ 77°F (25° C)	220 AH
MINUTES OF DISCHARGE @ 25 AMPS 1.75 VOLTS/CELL @ 77°F (25° C)	492 MIN

CITY	REQD	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION		ITEM NO.
PARTS LIST								
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:				CONCORDE BATTERY CORPORATION 2009 SAN BERNARDINO RD., W. COVINA, CA 91790				
FRACTIONS		DECIMALS		ANGLES		TITLE		
± 1/32		XX ± .12		± 1°		BATTERY, 6 VOLT, GPL-4CT		
		XXX ± .050				DRAWN D AYALA 1/4/07		
TREATMENT		NONE		CHECKED AME 1/8/07		DATE		
FINISH		NONE		APPROVED JBT 1/10/07		SIZE CAGE CODE DWS NO.		
SIMILAR TO		N/A		ACT WT N/A		C 63017 GPL-4CT		
				ISSUED NS 3/6/07		SCALE 1/2		SHEET 1 OF 1

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

S/V BEATRIX - KELLY-PETERSON 44  
#286 (1980)

TITLE  
Main Battery Bank - GPL-4CT Specs

REV  
B

SCALE  
1:1

PAGE  
2 OF 2

DATE  
6/3/2009

DRAWN BY  
JEFF STANDER