SUPERIOR
SUPERIOR BATTERY MANUFACTURING COMPANY, INC.

DATA SHEET

# GOLF CAR

**BCI Group No. GC2**

**Part #** ..... GC61300

**Volts:** ..... 6

**CCA @ 0°F** ..... NA

**MCA @ 32°F** ..... NA

**RC @ 25 Amp** ..... 450 minutes

**RC @ 75 Amp** ..... 115 minutes

**Amp Hour Capacity @ 80°F**

| | |
|---|---|
| 100 Hour Rate | 254 AH |
| 20 Hour Rate | 225 AH |
| 10 Hour Rate | 214 AH |
| 5 Hour Rate | 185 AH |
| 2 Hour Rate | 160 AH |

**20 Ah rate affected by Temperature**

| | |
|---|---|
| 104° F - 40° C | 102% |
| 80° F - 27° C | 100% |
| 32° F - 0° C | 65% |

DYNAMIC ENERGY® TECHNOLOGY

**POS. PLATES PER CELL:** ..... 9

**NEG. PLATES PER CELL:** ..... 10

**NUMBER OF CELLS** ..... 3

**POS. PLATE TYPE:** ..... Antimony

**NEG. PLATE TYPE:** ..... Antimony

**ACTIVE MATERIAL:** ..... Deep Cycle Paste Formulation

**INSULATION TYPE:** ..... Enveloped Daramic Golf Cart Separator

**DOUBLE INSULATION:** ..... Laminated Glass Mat

**MAXIMUM OVERALL DIMENSIONS**

| LENGTH | WIDTH | HEIGHT |
|---|---|---|
| 10 1/4" | 7 1/8" | 11 1/8" |
| 260 MM | 181 MM | 284 MM |

**CONTAINER TYPE:** ..... GC6V 3.100 X 8.810 BLK

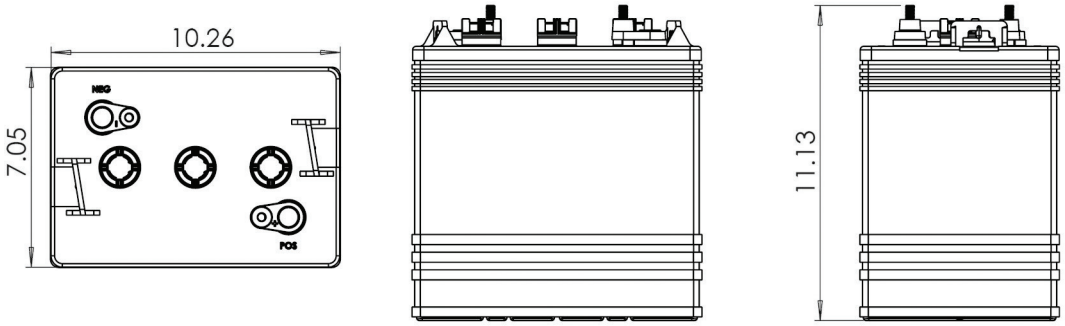
**COVER TYPE:** ..... HS GC6V BLK

**HANDLE TYPE:** ..... Removable Strap

**INTERCELL WELD SIZE:** ..... 13 MM

MADE IN THE USA

*SUPERIORBATTERY.COM*
*1.800.322.6056*



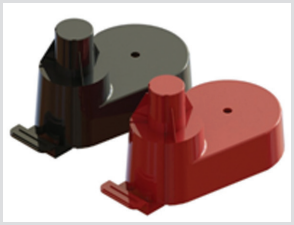

| 6 VOLT STATE OF CHARGE | SPECIFIC GRAVITY | OPEN CIRCUIT VOLTAGE |
|---|---|---|
| 100 | 1.275 | 6.35 |
| 90 | 1.265 | 6.30 |
| 80 | 1.255 | 6.21 |
| 70 | 1.235 | 6.15 |
| 60 | 1.215 | 6.05 |
| 50 | 1.195 | 6.00 |
| 40 | 1.190 | 5.94 |
| 30 | 1.180 | 5.90 |
| 20 | 1.165 | 5.85 |
| 10 | 1.150 | 5.80 |
| 0 | 1.100 | 5.74 |

| CHARGE RATE | 6 VOLT | 8 VOLT | 12 VOLT |
|---|---|---|---|
| BULK CHARGE | 7.42 | 9.9 | 14.85 |
| FLOAT CHARGE | 6.75 | 9.0 | 13.5 |
| EQUALIZATION CHARGE | 8.10 | 10.8 | 16.2 |

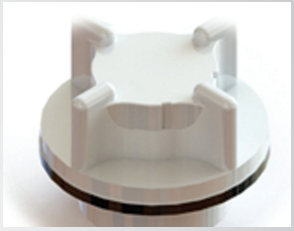
**POS. BATTERY TERMINAL:**
5/16" STAINLESS STEEL STUD

**NEG. BATTERY TERMINAL:**
5/16" STAINLESS STEEL STUD

**TERMINAL TORQUE:**
100-120 in.-lbs. / 11.3-13.6 N-m



**Terminal Protectors:**

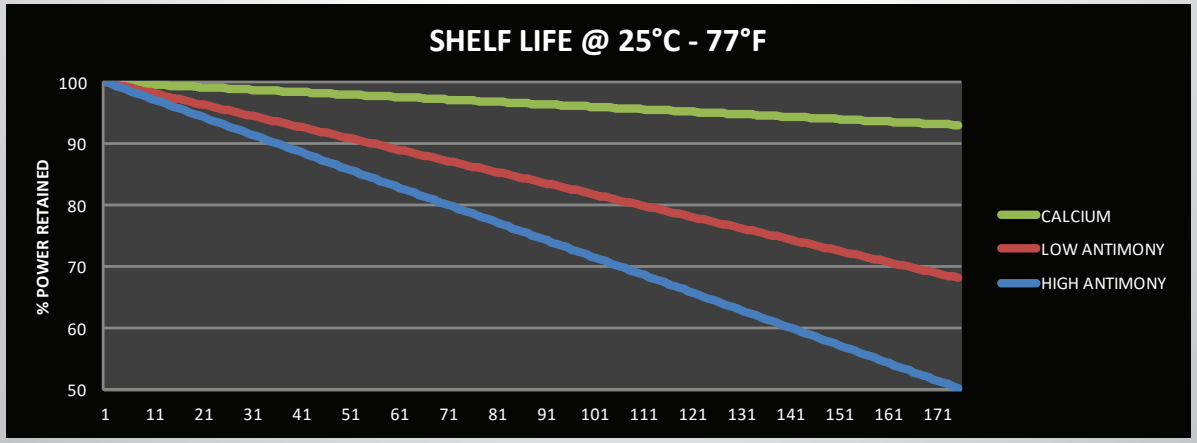


**VENT TYPE:**
GC Single Vent White x 3

**Recommended Charging Guidelines for the GC61300:**
After discharge use a constant current charge of 20 to 25 amperes until battery reads 2.40 volts per cell (7.20 battery voltage)

After 2.40 volts per cell is reached which is the gassing point, use a constant voltage charge to limit charger voltage to maintain 2.40 volts per cell until input current lowers to 8 amperes.

Once input voltage drops to 8 amperes, a constant current of 8 amperes for 3 to 5 hours will complete the charge. Battery temperature, condition, and depth of discharge are all factors that affect complete charge time.

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