

# ZELUS

## GEL Technology Battery

### ■ GBC Deep Cycling

# GBC 12/5.5

## 12V, 5.5Ah/C5

### FEATURES

- GBC was designed with solid lead plated and gelled electrolyte technology.
- A deep-cycle lead-acid battery is designed to deliver a maximum capacity and cycles as discharging.
- High temperature stability, mechanical strength and low acid displacement.
- Superior performance with deep discharges.
- Patented safety valve to have accurate pressure operating for long battery life.

### APPLICATIONS

- Golf Cars
- Power Wheelchairs
- Floor Sweepers
- Recreational Vehicle (RV)
- Renewable Energy



### SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	5.5 Ah @ 5 hour rate F.V.(1.70V/cell)
Approx. Weight	2450g(54.01lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤32mΩ (Fully Charged )
Max. Discharge Current	105 A (5 sec.)
Max. Charge Current	1.1 A
Self Discharge	< 2% per month (25°C)
Operating Temperature Range	-20°C~55°C(-4°F~131°F)
Container Material	Standard: ABS( UL94 HB) GBC 12/5.5 Optional: Flame Retardant ABS(UL94 V-0) GBC 12/5.5FR

Certificate as below:



Compliance of the standards as below:

- GB/T 7403.1-2008
- IEC60254-1: 2005

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> <li>■ Length 151±1.5 (5.94±0.06)</li> <li>■ Width 65±1.5 (2.56±0.06)</li> <li>■ Container Height 93±1.5 (3.66±0.06)</li> <li>■ Total Height 98±2.0 (3.86±0.08)</li> </ul>		<ul style="list-style-type: none"> <li>● Terminal T1 3.2(0.13) 4.75(0.19) 6.35(0.25) 0.8(0.03)</li> <li>● Terminal T2 3.4(0.13) 7.95(0.31)</li> </ul>

### Constant power discharge characteristics at 25 °C/77 °F Unit: W

F.V. (V/cell) \ Discharge Time	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	72.9	43.1	18.8	13.49	7.31	3.84
1.75V	74.0	44.4	19.1	13.69	7.42	3.87
1.70V	74.5	45.4	19.3	13.81	7.46	3.93
1.65V	74.8	45.9	19.5	13.86	7.49	3.94
1.60V	74.8	46.3	19.6	13.90	7.49	3.94

### Constant current discharge characteristics at 25 °C/77 °F Unit: A

F.V. (V/cell) \ Discharge Time	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	5.97	3.61	1.56	1.12	0.60	0.32
1.75V	6.07	3.72	1.59	1.14	0.61	0.32
1.70V	6.11	3.81	1.61	1.15	0.62	0.33
1.65V	6.18	3.85	1.63	1.15	0.62	0.33
1.60V	6.18	3.88	1.63	1.16	0.62	0.33

All data and artworks shall be changed without prior notice, BB reserves the right to explain and update the information contained herein.

