

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	$\leq 32\text{m}\Omega$ (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
- IEC60254-1

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

151±1.5 (5.94±0.06)

Width

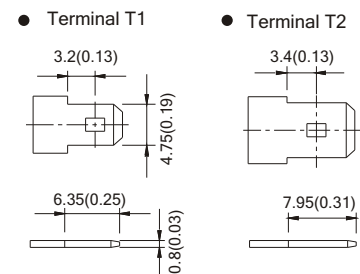
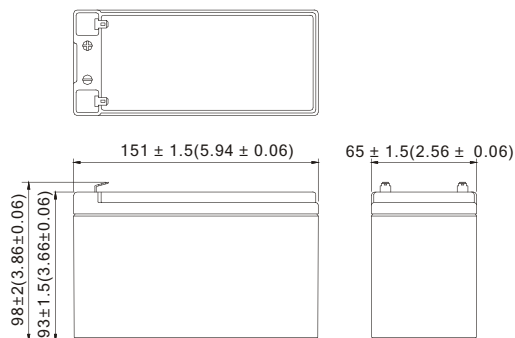
65±1.5 (2.56±0.06)

Container Height

93±1.5 (3.66±0.06)

Total Height

98±2.0 (3.86±0.08)



Constant power discharge characteristics at 25 °C/77 °F

Unit: W

Discharge Time F.V. (V/cell)	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

Discharge Time F.V. (V/cell)	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 hereinto.

For operation, please refer to the instruction from technical manual.

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