

ZELUS

GEL Technology Battery

GBC Deep Cycling

GBC 12/105

12V, 105Ah/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	105 Ah @ 5 hour rate F.V.(1.70V/cell)
Approx. Weight	40Kg(88.18lbs.)
Terminals	I2
Internal Resistance	$\leq 7m\Omega$ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	21.0 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 12/105 Optional: Flame Retardant ABS(UL94 V-0) GBC 12/105FR

Certificate as below:



Compliance of the standards as below:

- GB/T 7403.1
- IEC60254-1

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

344±2.0 (13.54±0.08)

Width

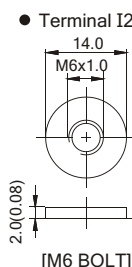
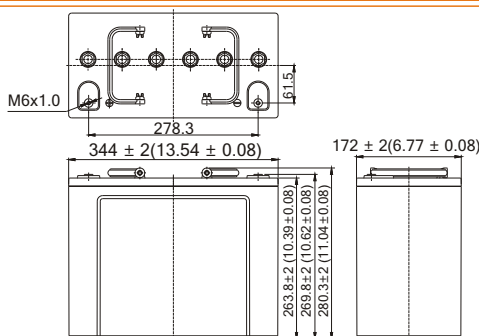
172±2.0 (6.77±0.08)

Container Height

263.8±2.0 (10.39±0.08)

Total Height

280.3±2.0 (11.04±0.08)



Terminal Hardware Initial Torque: 5.5Nm±5%

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		1334	842	354.7	246.1	138.0	71.92
1.75V		1354	864	360.0	249.8	140.9	71.95
1.70V		1364	882	363.9	252.0	142.0	73.53
1.65V		1369	891	367.5	253.0	142.7	73.68
1.60V		1369	899	369.4	253.6	142.7	73.68

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		111.2	70.2	29.56	20.51	11.50	5.993
1.75V		112.8	72.0	30.00	20.82	11.74	5.996
1.70V		113.7	73.5	30.32	21.00	11.84	6.128
1.65V		114.1	74.2	30.63	21.08	11.89	6.140
1.60V		114.1	74.9	30.78	21.14	11.89	6.140

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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