

ZELUS

GEL Technology Battery

GBC Deep Cycling

GBC 12/85

12V, 85Ah/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	85 Ah @ 5 hour rate F.V.(1.70V/cell)
Approx. Weight	35.5Kg(78.26lbs.)
Terminals	B3 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤5mΩ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	20.0 A
Self Discharge	< 2% per month (25°C)
Operating Temperature Range	-20°C~55°C(-4°F~131°F)
Container Material	Standard: PP(UL94 HB) GBC 12/85 Optional: Flame Retardant PP(UL94 V-0) GBC 12/85FR

Certificate as below:



MH19884



Compliance of the standards as below:

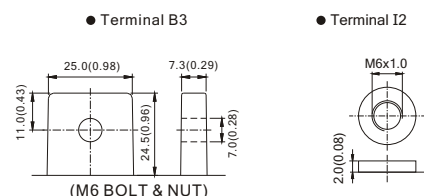
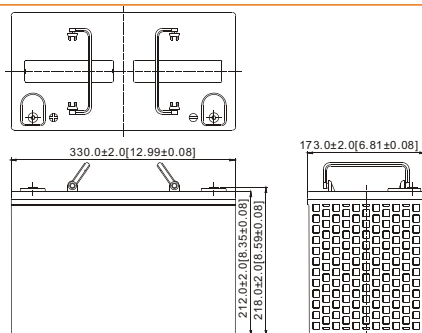
- IEC 60896-2/122
- JIS C 8704-2
- GB/T 19638.2

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
330±2.0 (12.99±0.08)
- **Width**
173±2.0 (6.81±0.08)
- **Container Height**
212±2.0 (8.35±0.08)
- **Total Height**
B3: 241±2.0 (9.49±0.08)
I2: 218±2.0 (8.59±0.08)



Terminal Hardware Initial Torque:
B3,I2(5.5Nm±5%)

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

Unit: W

Discharge Time F.V.	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V	1150.6	681.5	287.1	199.05	111.72	59.07
10.5V	1167.6	702.6	291.6	203.74	114.18	59.56
10.2V	1176.6	716.0	294.8	202.06	113.43	59.99
9.9V	1180.6	724.1	298.4	204.45	114.87	60.58
9.6V	1186.6	731.1	299.4	205.05	114.87	60.58

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

Unit: A

Discharge Time F.V.	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V	99.2	57.5	23.9	16.60	9.32	4.93
10.5V	100.5	59.3	24.3	16.85	9.44	4.93
10.2V	101.2	60.5	24.6	16.99	9.54	5.04
9.9V	103.2	61.3	24.9	17.08	9.57	5.05
9.6V	103.7	61.6	25.0	17.12	9.57	5.05

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