

ZELUS

GEL Technology Battery

GBC Deep Cycling

GBC 12/63

12V, 63Ah/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	63 Ah @ 5 hour rate F.V.(1.70V/cell)
Approx. Weight	24000g(52.91lbs.)
Terminals	I2
Internal Resistance	$\leq 6m\Omega$ (Fully Charged)
Max. Discharge Current	400 A (5 sec.)
Max. Charge Current	12.6 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 12/63 Optional: Flame Retardant ABS(UL94 V-0) GBC 12/63FR

Certificate as below:



Compliance of the standards as below:

- GB/T 7403.1
- IEC60254-1

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 259.5±2 (10.22±0.08)	Top view: 259.5 ± 2 (10.22 ± 0.08) mm, 208.2 [8.20] mm, 67.0 [2.64] mm, M6x1.0 Side view: 172.6 ± 2 (6.80 ± 0.08) mm, 200.5 ± 2 (7.89 ± 0.08) mm, 207.5 ± 2 (8.17 ± 0.08) mm, 217.0 ± 2 (8.54 ± 0.08) mm	● Terminal I2 Terminal Hardware Initial Torque: I2(5.5Nm±5%)
Width 172.6±2(6.80±0.08)		
Container Height 200.5±2(7.89±0.08)		
Total Height 217.0±2 (8.54±0.08)		

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		783	464	201.0	147.5	77.6	41.35
1.75V		795	477	204.2	149.7	79.3	41.37
1.70V		801	488	206.5	151.0	80.0	42.32
1.65V		804	493	208.7	151.6	80.4	42.41
1.60V		804	498	209.8	152.0	80.4	42.41

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		63.7	39.1	16.75	12.30	6.47	3.446
1.75V		64.6	40.3	17.01	12.49	6.61	3.448
1.70V		65.0	41.2	17.20	12.60	6.67	3.527
1.65V		66.3	41.7	17.39	12.66	6.70	3.535
1.60V		66.3	41.9	17.48	12.69	6.70	3.535

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

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

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