

FEATURES

- GBS delivers long cycle life and prolong life in elevated ambient temperatures.
- The generated heat can easy flow to the case walls because the whole volume of the cell is filled with gel.
- The immobilization of the electrolyte in the gel makes acid stratification impossible.
- Maintenance free(no water topping-up required).
- Low self-discharge rate, lower than 2% capacity loss per month.
- A small distribution of the special valve opening and closing pressure is important for a good (cycle) life time of the battery.

APPLICATIONS

- Solar power stations
- Telecommunications installations
- Traffic lights
- Street lightening
- Wind power

SPECIFICATIONS



Nominal Voltage	12 V
Nominal Capacity	130Ah @ 100 hour rate F.V.(1.80V/cell)
Approx. Weight	40Kg(88.18lbs.)
Terminals	I2
Internal Resistance	≤7mΩ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	26 A
Operating Temperature Range	-20°C~55°C(-4°F~131°F)
Container Material	Standard: ABS(UL94 HB) GBS 12/130 Optional: Flame Retardant ABS(UL94 V-0) GBS 12/130FR

UL
MH19884

CE

- IEC 61427
- GB/T 22473.1

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

344±2.0 (13.54±0.08)

Width

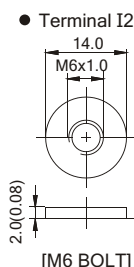
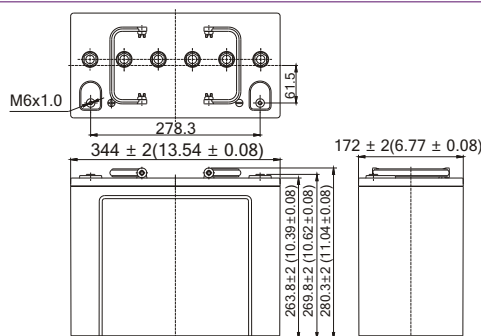
172±2.0 (6.77±0.08)

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	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr	100 Hr	120 Hr
1.85V		822.3	345.0	246.0	137.0	70.68	15.50	12.96
1.80V		830.2	352.2	248.8	138.0	70.92	15.60	13.03
1.75V		845.6	358.0	251.0	138.8	72.00	15.72	13.15
1.70V		855.7	360.0	252.0	139.3	72.24	15.84	13.27
1.65V		864.3	373.3	252.8	139.5	72.38	15.85	13.27

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

Unit: A

F.V. (V/cell)	Discharge Time	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr	100 Hr	120 Hr
1.85V		68.2	28.7	20.50	11.39	5.89	1.29	1.08
1.80V		69.8	29.3	20.73	11.50	5.91	1.30	1.09
1.75V		71.1	29.8	20.92	11.58	6.00	1.31	1.10
1.70V		72.0	30.0	21.00	11.61	6.02	1.32	1.11
1.65V		72.7	31.1	21.07	11.63	6.03	1.32	1.11

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