

## FEATURES

- GBS delivers long cycle life and prolong life in elevated ambient temperatures.
- The generated heat can easily 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.

## APPLICATION

- 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	39.5Kg(87.1lbs.)
Terminals	I2
Internal Resistance	≤5mΩ (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	ABS UL94-HB



ISO 9001	
ISO 14001	
CE	 C4M20310-2474-E-16
<ul style="list-style-type: none"> <li>● IEC 61427-2005</li> <li>● GB/T 22473-2008</li> </ul>	

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> <li>■ Length 344±2.0 (13.54±0.08)</li> <li>■ Width 172±2.0 (6.77±0.08)</li> <li>■ Container Height 263.8±2.0 (10.39±0.08)</li> <li>■ Total Height 280.3±2.0 (11.04±0.08)</li> </ul>		<ul style="list-style-type: none"> <li>● Terminal I2</li> </ul> <p>Terminal Hardware Initial Torque: 5.5Nm±5%</p>

### 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	10.68	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	138.0	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 shall be changed without prior notice, BB reserves the right to explain and update the information contained hereinto.