



# GH series GH 122000

## Valve Regulated Lead Acid Battery

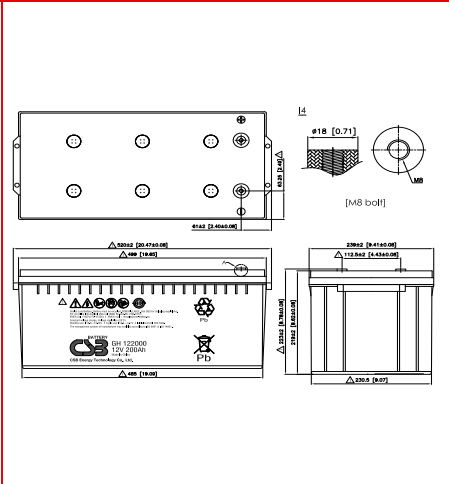
Maintenance-Free Sealed Lead Acid Battery.  
Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99%.

### General Design for Standby Power Applications

<b>【Design Life】</b> Up to 10 Years in Standby Service at 25°C Eurobat (20°C) : 10/12 YEARS LONG LIFE <b>【Operating Temperature Range】</b> Nominal Operating Temperature : 25°C (77°F) Discharge : -15°C ~ 50°C (5°F~122°F) Charge: -15°C ~ 40°C (5°F~104°F) Storage: -15°C ~ 40°C (5°F~104°F)	<b>【Float Charging Voltage】</b> 13.5 ~ 13.74 VDC/Unit at 25°C (77°F) <b>【Equalization Charging Voltage】</b> 14.4 ~ 14.7 VDC/Unit at 25°C (77°F) <b>【Self Discharge】</b> Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F); Fully recharging is required before usage, and charged sooner if stored at higher temperature than 25°C (77°F).
---	---

### Specification Design according with IEC 60896-21/22:2004

Nominal Voltage	12V (6 cells per unit)		
Nominal Capacity	200 Ah @10hr-rate to 1.80V per cell @25°C (77°F)		
Weight	Approx. 58.0 Kg (127.6 lbs)		
Maximum Discharge Current	1200A (5sec)		
Internal Resistance	Approx. 2.7mΩ		
Short Circuit Current	2700A		
Maximum Charge Current	50.00A		
Terminal types	I4 thread lead alloy terminal to accept M8 bolt		
Terminal tightening torque	122±10 Kg·cm / 106±9 Lbf·in / 12±1 N·m		
Container Material	ABS & Flame Retardant available upon request		
Dimensions	Length (L)	520±2 mm	20.47±0.08 inch
	Width (W)	239±2 mm	9.41±0.08 inch
	Container Height (h)	219±2 mm	8.62±0.08 inch
	Overall Height (H)	223±2 mm	8.78±0.08 inch



### Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

F.V/Time	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	12HR	20HR
1.70V	295	194	117	70.5	51.6	41.3	34.8	30.1	23.0	20.2	17.5	11.0
1.75V	272	187	114	69.8	51.3	41.0	34.6	30.0	22.9	20.1	17.4	10.9
1.80V	245	174	109	68.3	50.2	40.4	34.2	29.5	22.6	20.0	17.3	10.7
1.83V	225	160	103	66.1	48.8	39.4	33.4	28.8	22.0	19.6	17.2	10.5
1.85V	216	154	100	65.1	48.2	39.0	33.1	28.5	21.8	19.5	17.1	10.4
1.87V	202	144	95.7	63.5	47.1	38.2	32.5	28.0	21.4	19.2	17.0	10.1

### Constant Power Discharge Characteristics Unit: W (25°C, 77°F)

F.V/Time	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	12HR	20HR
1.70V	3138	2154	1344	828	606	490	415	359	275	224	209	131
1.75V	2976	2106	1326	822	605	489	413	358	274	222	208	130
1.80V	2700	1968	1266	804	600	482	409	353	271	220	207	129
1.83V	2532	1848	1206	786	586	472	401	346	266	217	206	127
1.85V	2448	1788	1182	780	580	467	397	343	263	215	205	125
1.87V	2310	1686	1134	756	563	458	390	336	259	211	204	123

Please refer to the official site for the latest rating confirmation. URL: [www.csb-battery.com](http://www.csb-battery.com)

Issued: 210308

### Sales Offices

希世比能源科技股份有限公司  
CSB Energy Technology Co., Ltd.

#### BUSINESS HEADQUARTERS

Tel: +886-2-2880-5600  
Fax: +886-2-2888-3300

#### USA OFFICE

Tel: +1-817-244-7777 / 1-(800)3-CSB-USA (272872)  
Fax: +1-817-244-4445

#### SHENZHEN OFFICE (CHINA)

Tel: +86-755-8831-6488/6775/6075  
Fax: +86-755-8831-6548

#### EUROPE (EMEA) OFFICE

Tel: +31(0)180-418-140  
Fax: +31(0)180-418-327

#### SHANGHAI OFFICE (CHINA)

Tel: +86-21-5046-1622/0833/0094  
Fax: +86-21-5046-1046

#### TAIPEI OFFICE

Tel: +886-2-2880-5600  
Fax: +866-2-2888-3300

#### BEIJING OFFICE (CHINA)

Tel: +86-10-6597-8065/8165/8265  
Fax: +86-10-6597-8565

Certified by ISO 9001, 14001

