



GH series GH 121500



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

【Design Life】

Up to 10 Years in Standby Service at 25°C
Eurobat (20°C) : 10/12 YEARS LONG LIFE

【Operating Temperature Range】

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)

【Float Charging Voltage】

13.5 ~ 13.74 VDC/Unit at 25°C (77°F)

【Equalization Charging Voltage】

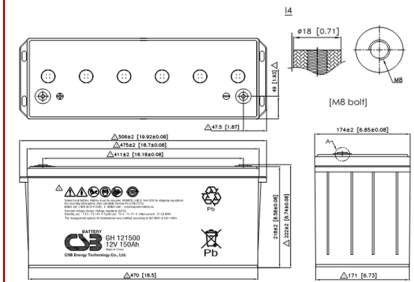
14.4 ~ 14.7 VDC/Unit at 25°C (77°F)

【Self Discharge】

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	150 Ah @10hr-rate to 1.80V per cell @25°C (77°F)	
Weight	Approx. 44.0 Kg (96.8 lbs)	
Maximum Discharge Current	900A (5sec)	
Internal Resistance	Approx. 2.8mΩ	
Short Circuit Current	2400A	
Maximum Charge Current	37.50A	
Terminal types	I4 thread lead alloy terminal to accept M8 bolt	
Terminal tightening torque	122±10 Kgf-cm / 106±9 Lbf-in / 12±1 N-m	
Container Material	ABS & Flame Retardant available upon request	
Dimensions	Length (L)	506±2 mm 19.92±0.08 inch
	Width (W)	174±2 mm 6.85±0.08 inch
	Container Height (h)	218±2 mm 8.58±0.08 inch
	Overall Height (H)	222±2 mm 8.74±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	269	182	98.9	58.8	42.9	34.1	28.0	24.0	18.2	15.2	13.0	7.80
1.75V	251	176	97.2	58.1	42.6	33.9	27.9	23.9	18.1	15.1	12.9	7.70
1.80V	228	165	93.9	56.8	41.8	33.5	27.4	23.2	18.0	15.0	12.8	7.60
1.83V	210	159	90.9	55.0	40.8	32.8	26.6	22.9	17.9	14.9	12.5	7.30
1.85V	201	153	88.3	54.2	40.3	32.5	26.4	22.7	17.7	14.8	12.5	7.20
1.87V	188	143	84.5	52.9	39.4	31.8	25.9	22.3	17.4	14.6	12.3	7.00

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	3000	2100	1170	705	518	413	340	292	222	186	156	90.6
1.75V	2827	2039	1154	699	515	411	339	290	221	184	155	90.0
1.80V	2589	1931	1119	686	507	407	334	284	220	183	154	89.4
1.83V	2395	1854	1079	661	497	402	326	280	218	182	151	89.3
1.85V	2315	1794	1058	656	491	398	323	278	217	181	150	88.8
1.87V	2185	1691	1015	636	477	390	317	272	212	178	149	87.0

Please refer to the official site for the latest rating confirmation. URL: www.csb-batterygw.com

Issued: 210504

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Certified by ISO 9001, 14001

