



# GPL series GPL 12260



## 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 8 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 ~ 13.8 VDC/Unit at 25°C (77°F)

#### 【Equalization Charging Voltage】

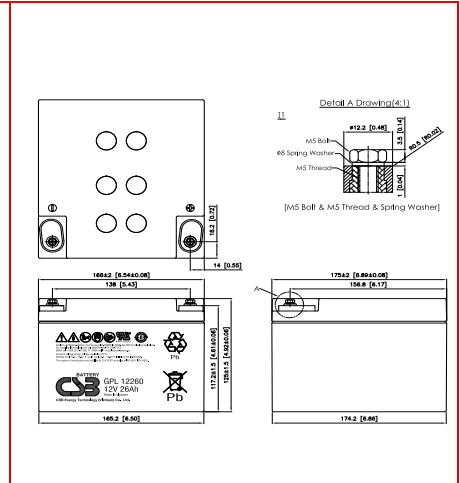
14.4 ~ 15.0 VDC/Unit at 25°C (77°F)

#### 【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	26 Ah @20hr-rate to 1.75V per cell @25°C (77°F)		
Weight	Approx. 8.30 Kg (18.29 lbs)		
Maximum Discharge Current	350A (5sec)		
Internal Resistance	Approx. 9.6mΩ		
Short Circuit Current	662A		
Maximum Charge Current	7.80A		
Terminal types	I1 thread lead alloy terminal to accept M5 bolt		
Terminal tightening torque	30.4±6.1 Kgf-cm / 26.4±5.3 Lbf-in / 3.0±0.6 N·m		
Container Material	ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request		
Dimensions	Length (L)	166.0±2.0 mm	6.54±0.08 inch
	Width (W)	175.0±2.0 mm	6.89±0.08 inch
	Container Height (h)	125.0±1.5 mm	4.92±0.06 inch
	Overall Height (H)	125.0±1.5 mm	4.92±0.06 inch



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

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	108	73.2	53.3	31.5	19.0	13.9	11.1	7.99	5.20	3.44	2.97	1.49
1.67V	100	68.4	51.5	30.9	18.6	13.7	11.0	7.86	5.14	3.41	2.95	1.48
1.70V	96.3	65.9	49.8	30.3	18.4	13.5	10.9	7.82	5.13	3.40	2.94	1.47
1.75V	88.4	61.2	47.0	29.3	17.9	13.3	10.8	7.66	5.03	3.34	2.90	1.45
1.80V	79.0	56.0	44.1	27.9	17.3	12.9	10.5	7.52	4.91	3.25	2.80	1.42
1.85V	68.9	51.0	40.4	26.3	16.6	12.4	10.1	7.14	4.66	3.11	2.69	1.36

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

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	1090	787	593	360	219	164	133	95.4	62.0	41.8	33.8	17.8
1.67V	1034	736	577	355	214	160	131	94.6	61.6	41.5	33.6	17.7
1.70V	992	714	556	350	213	159	130	94.3	61.5	41.0	33.5	17.6
1.75V	965	695	527	338	210	158	129	92.2	60.6	40.5	33.4	17.5
1.80V	892	643	496	323	204	155	127	91.1	59.9	39.4	32.2	17.4
1.85V	780	588	461	309	200	150	123	86.2	56.2	37.4	31.0	16.9

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

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Recognized under UL 1989,  
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