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# GPL 12260 ▶ 12V 26Ah

GPL 12260 is a general purpose battery up to 8 years in standby service or more than 260 cycles at 100% discharge in cycle service . As with all CSB batteries, all are rechargeable , highly efficient , leak proof and maintenance free.



## ► Specification

<b>Cells Per Unit</b>	6
<b>Voltage Per Unit</b>	12
<b>Capacity</b>	26 Ah @ 20hr-rate to 1.75V per cell @25 °C (77°F)
<b>Weight</b>	Approx. 8.3 kg(18.3 lbs)
<b>Maximum Discharge Current</b>	350A(5sec)
<b>Internal Resistance</b>	Approx. 11 mΩ
<b>Operating Temperature Range</b>	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>Nominal Operating Temperature Range</b>	25°C±3°C (77°F±5°F)
<b>Float Charging Voltage</b>	13.5 to 13.8 VDC/unit Average at 25°C (77°F)
<b>Recommended Maximum Charging Current Limit</b>	7.8A
<b>Equalization and Cycle Service</b>	14.4 to 15.0 VDC/unit Average at 25°C (77°F)
<b>Self Discharge</b>	CSB Batteries can be stored for more than 6 months at 25°C (77°F) . Please charge batteries before using . For higher temperatures the time interval will be shorter.
<b>Terminal</b>	L terminal: B1/B3/B3B or Recessed type -M5 bolt
<b>Container Material</b>	ABS(UL 94-HB/File E50263)*Flammability resistance of (UL 94-V0/File E88637) can be available upon request.



MH14533(N)



ISO9001  
No :041005117



ISO 14001  
NO.UM 1-12-0045

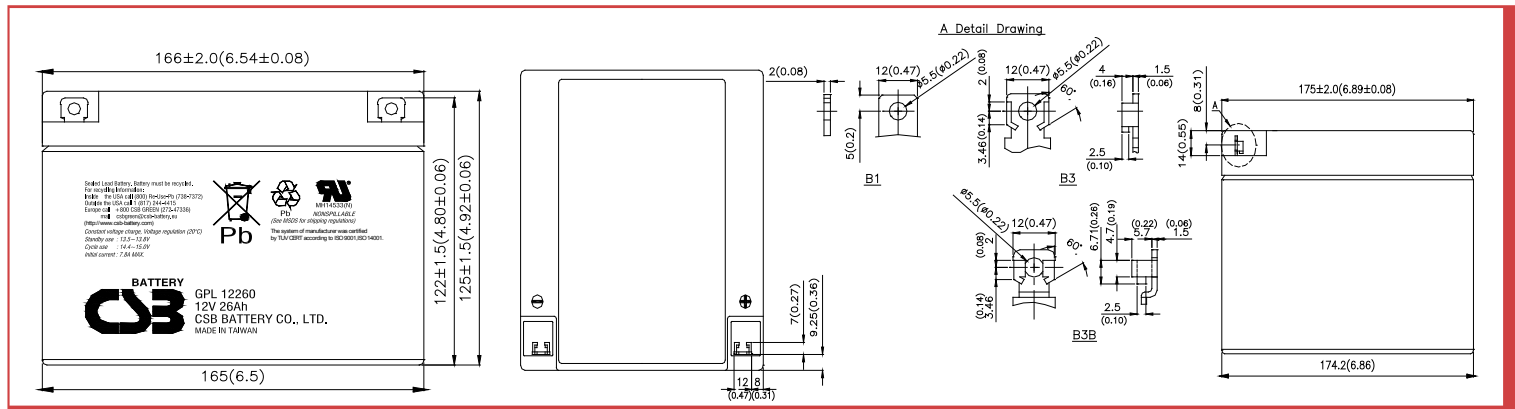
CSB-manufactured VRLA batteries are UL-recognized components under UL924 and UL1989.

CSB is also certified by ISO 9001 and ISO 14001.

## ► Dimensions :

Unit: mm (inch)

Overall Height (H)	Container height (h)	Length (L)	Width (W)
125±1.5 (4.92±0.06)	122±1.5 (4.8±0.06)	175±2 (6.89±0.08)	166±2 (6.54±0.08)



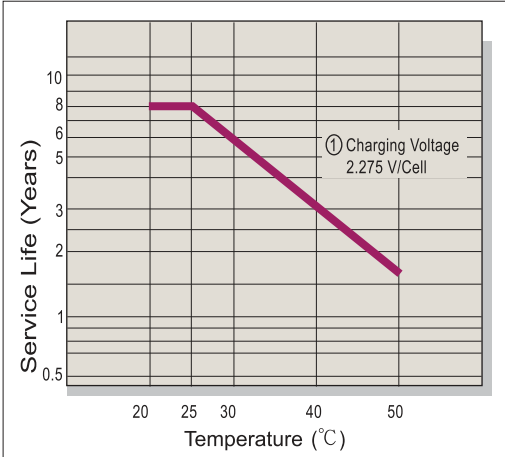
## Constant Current Discharge Characteristics Unit:A (25°C ,77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	108	73.2	53.3	31.5	19.0	11.1	7.99	6.25	5.21	3.44	2.84	1.49
1.67V	100	68.4	51.5	30.9	18.6	11.0	7.87	6.19	5.15	3.42	2.82	1.48
1.70V	96.3	65.9	49.8	30.3	18.4	10.9	7.83	6.18	5.14	3.40	2.80	1.47
1.75V	88.4	61.2	47.0	29.3	17.9	10.8	7.67	6.08	5.03	3.35	2.77	1.45
1.80V	79.0	56.0	44.1	27.9	17.3	10.5	7.53	5.88	4.92	3.26	2.67	1.42
1.85V	68.9	51.0	40.4	26.3	16.6	10.1	7.14	5.65	4.66	3.12	2.57	1.37

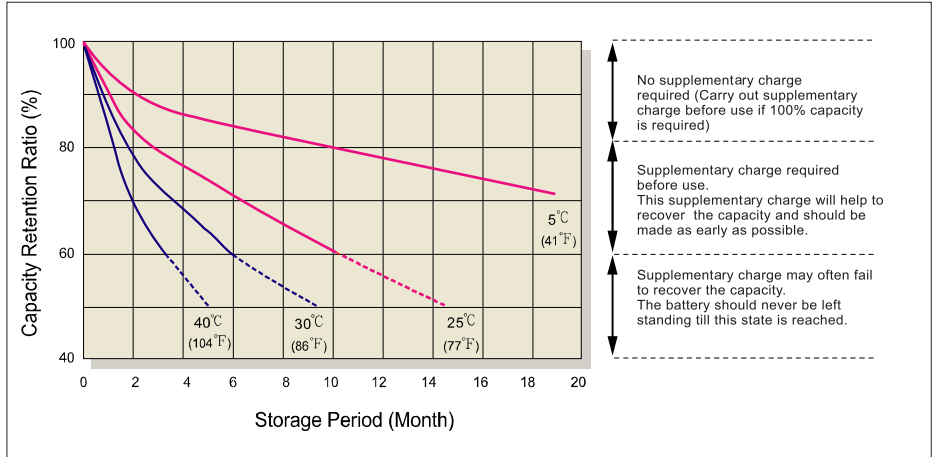
## Constant Power Discharge Characteristics Unit:W (25°C ,77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	1090	787	593	360	219	133	95.4	74.8	62.0	41.8	33.8	17.8
1.67V	1034	736	577	355	214	131	94.6	74.3	61.6	41.5	33.6	17.7
1.70V	992	714	556	350	213	130	94.3	73.9	61.5	41.0	33.5	17.6
1.75V	965	695	527	338	210	129	92.2	72.7	60.6	40.5	33.4	17.5
1.80V	892	643	496	323	204	127	91.1	70.7	59.9	39.4	32.2	17.4
1.85V	780	588	461	309	200	123	86.2	68.7	56.2	37.4	31.0	16.9

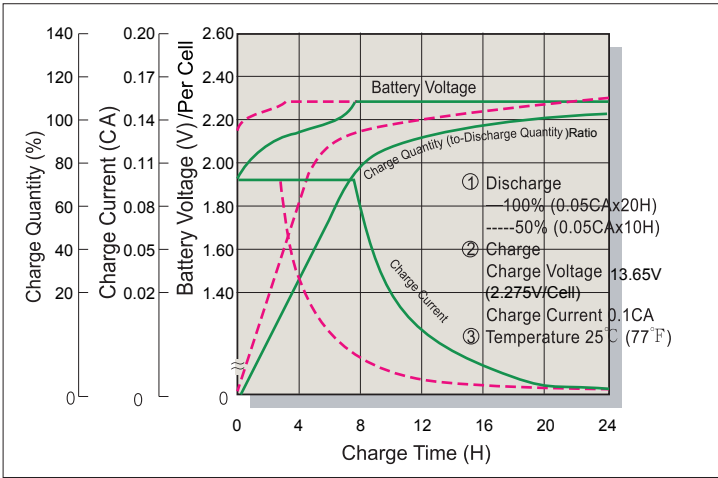
### Trickle (or Float) Service Life



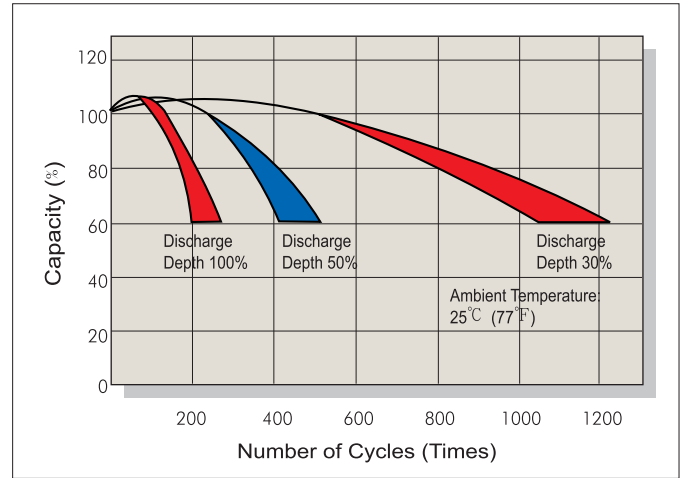
### Capacity Retention Characteristic



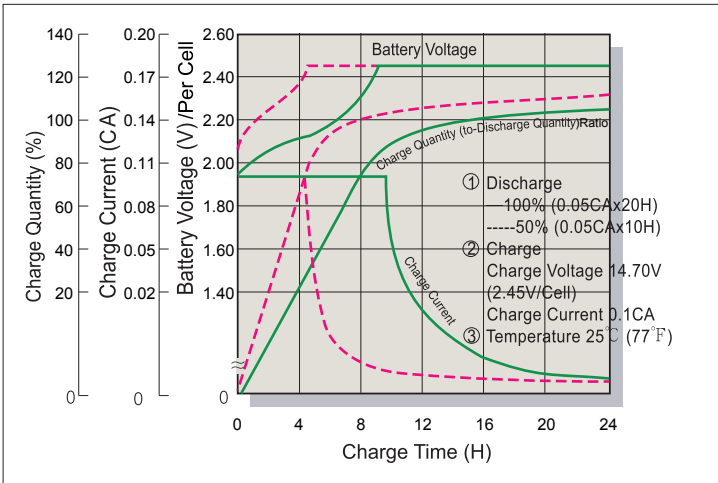
### Battery Voltage and Charge Time for Standby Use



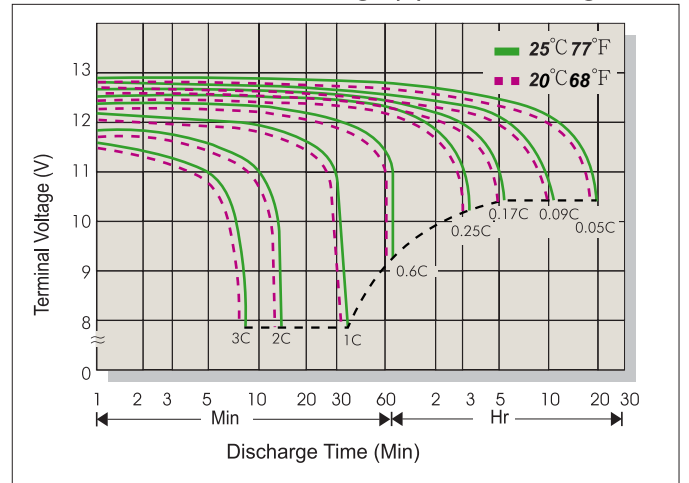
### Cycle Service Life



### Battery Voltage and Charge Time for Cycle Use



### Terminal Voltage (V) and Discharge Time



### Charging Procedures

Application	Charge Voltage(V/Cell)			Max.Charge Current
	Temperature	Set Point	Allowable Range	
Cycle Use	25°C(77°F)	2.45	2.40~2.50	0.3C
Standby	25°C(77°F)	2.275	2.25~2.30	

### Discharge Current VS. Discharge Voltage

Final Discharge Voltage V/Cell	1.75	1.70	1.60	1.30
Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C

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