



GPL 12260

12V 26Ah

GPL 12260 is a general purpose battery up to 8 years expected life under normal float charge. As with all CSB batteries, all are rechargeable, highly efficient, leak proof and maintenance free.



Specification

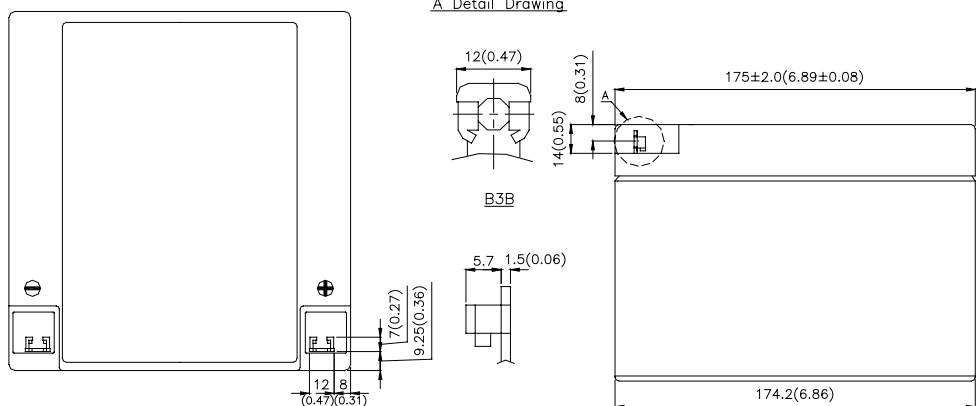
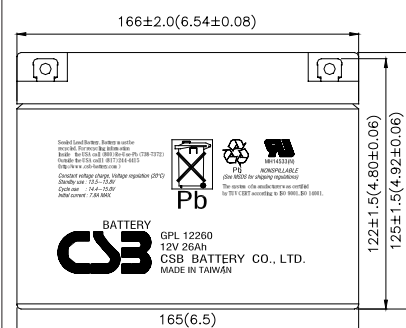
Cells Per Unit	6
Voltage Per Unit	12
Capacity	26Ah @ 20hr-rate to 1.75V per cell @25 °C (77°F)
Weight	Approx. 9.18 kg (20.24 lbs)
Maximum Discharge Current	350A(5sec)
Internal Resistance	Approx. 9.4 mΩ
Operating Temperature Range	Discharge: -15°C~50°C (5°F~122°F) Charge: -15 °C~40°C (5°F~104°F) Storage: -15°C~40°C (5°F~104°F)
Nominal Operating Temperature Range	25°C±3°C (77°F±5°F)
Float Charging Voltage	13.5 to 13.8 VDC/Unit Average at 25°C (77°F)
Recommended Maximum Charging Current Limit	7.8A
Equalization and Cycle Service	14.4 to 15.0 VDC/unit Average at 25°C (77°F)
Self Discharge	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.
Terminal	B1/B3/B3B-L terminal to accept M5 nut & bolt
Container Material	ABS(UL 94-HB/File E50263)*Flammability resistance of (UL 94-V0/File E88637) can be available upon request.



CSB-manufactured batteries are UL-recognized components under UL924 and UL1989. CSB is also certified by ISO 9001 and ISO 14001.

Dimensions

unit: (MM)



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

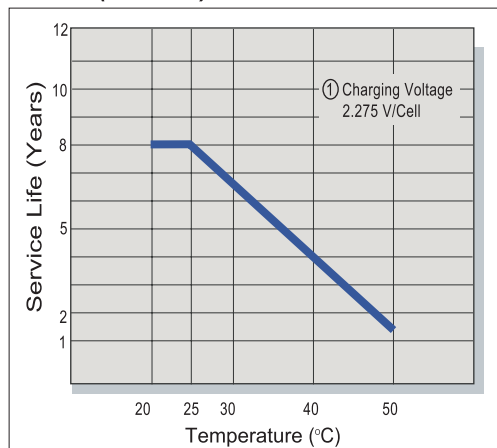
F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	127	73.6	54.8	32.1	19.0	10.2	7.31	5.66	4.69	3.07	2.54	1.37
1.67V	113	68.4	51.5	31.0	18.6	10.0	7.17	5.53	4.59	3.02	2.50	1.36
1.70V	106	65.9	49.8	30.3	18.4	9.93	7.11	5.47	4.53	3.00	2.47	1.35
1.75V	94.0	61.2	47.0	29.3	17.9	9.78	7.01	5.37	4.46	2.98	2.45	1.33
1.80V	81.6	56.0	44.1	27.9	17.3	9.58	6.86	5.26	4.38	2.92	2.42	1.31
1.85V	68.9	51.0	40.4	26.3	16.6	9.38	6.65	5.15	4.26	2.83	2.35	1.28

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

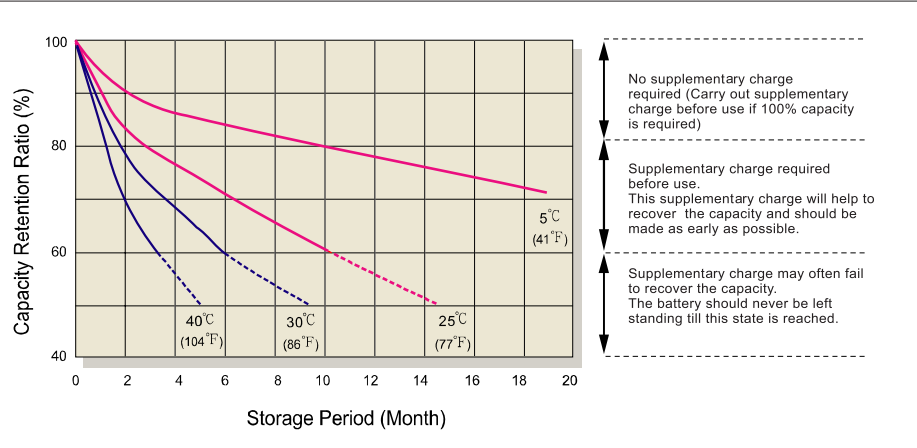
F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	1524	883	665	385	228	123	87.7	67.9	56.3	36.8	30.5	16.4
1.67V	1358	826	626	372	220	121	85.8	67.4	55.1	36.2	29.9	16.2
1.70V	1276	793	607	364	217	120	84.9	65.5	54.4	35.9	29.6	16.1
1.75V	1127	745	574	351	209	118	83.1	65.0	53.6	35.4	29.0	15.9
1.80V	983	680	530	335	202	115	81.0	63.1	52.5	34.7	28.4	15.7
1.85V	827	612	486	316	192	112	78.7	61.8	51.1	34.0	27.5	15.4

• All mentioned values are average values.

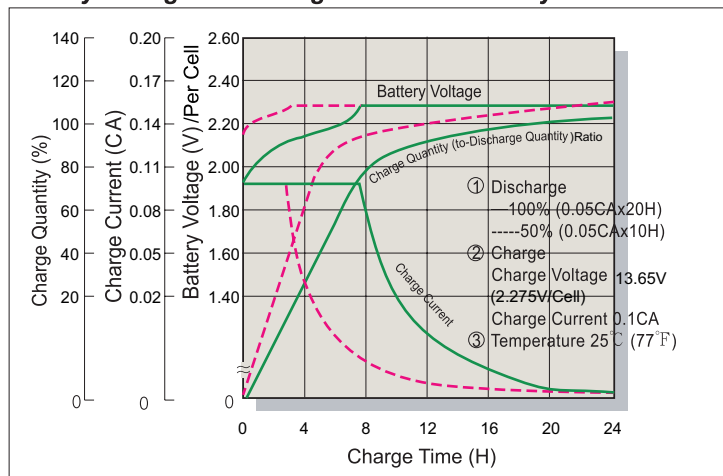
Trickle (or Float) Service Life



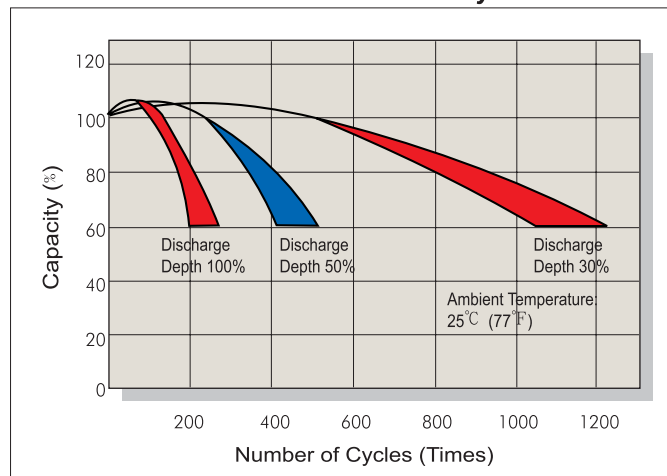
Capacity Retention Characteristic



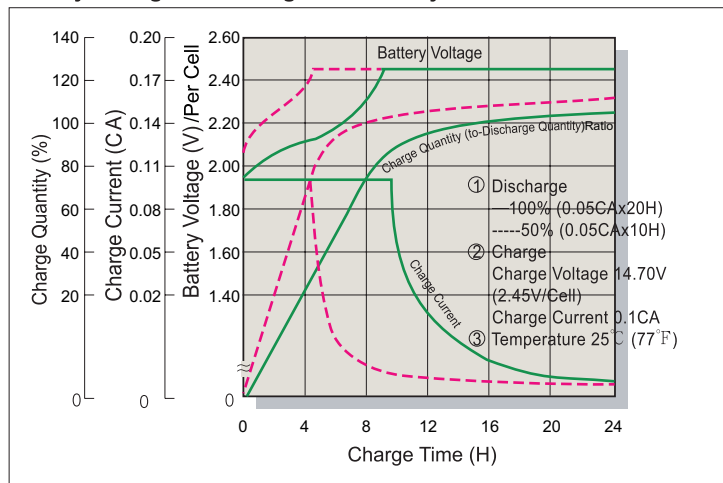
Battery Voltage and Charge Time for Standby Use



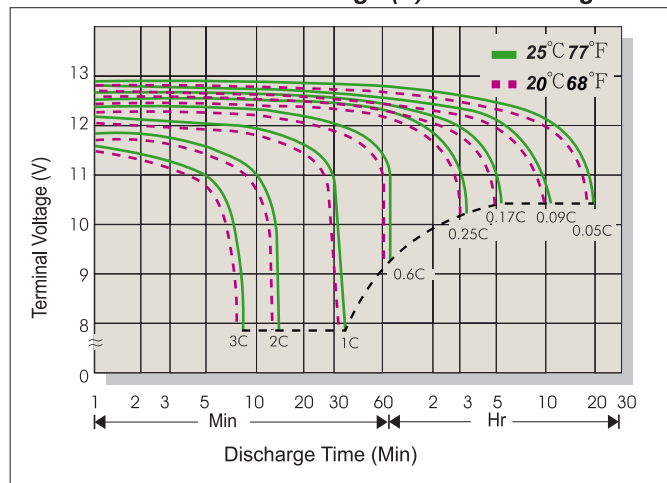
Cycle Service Life



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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