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GP 672 ▶ 6V 7.2Ah

GP 672 is a general purpose battery up to 5 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

CellsPerUnit	3
Voltage PerUnit	6
Capacity	7.2Ah@20hr-rateto1.75Vpercell @25°C (77°F)
Weight	Approx.1.22 kg(2.69 lbs)
Maximum DischargeCurrent	100A/130A(5sec)
Internal Resistance	Approx.15.5 m?
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).
FloatCharging Voltage	6.75to6.9VDC/unitAverage at 25°C (77°F)
RecommendedMaximum Charging CurrentLimit	2.16A
Equalization andCycleService	7.2to7.5VDC/unitAverage at 25°C (77°F)
SelfDischarge	CSBBatteries canbestoredformorethan6months at 25°C (77°F). Pleasecharge batteries beforeusing. For highertemperatures thertimeinterval willbeshorter.
Terminal	F1/F2-Faston Tab187/250
Container Material	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

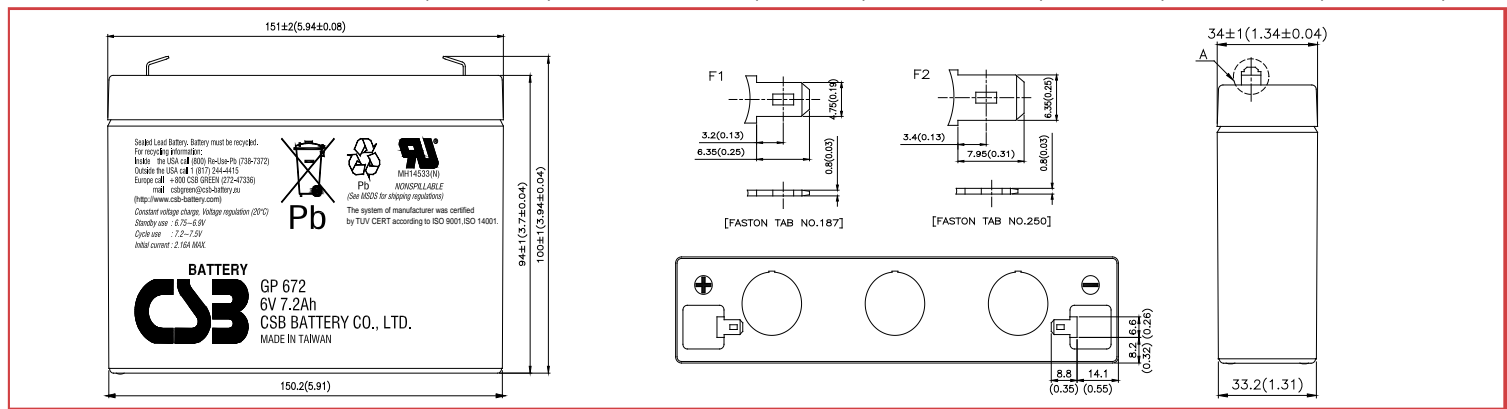
NO.UM 1-12-0045

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

CSB is also certified by ISO9001 and ISO14001.

► Dimensions :

Overall Height (H)	Container height (h)	Length (L)	Width (W)
Unit: mm (inch)	100±1 (3.94±0.04)	94±1 (3.7±0.04)	151±2 (5.94±0.08)



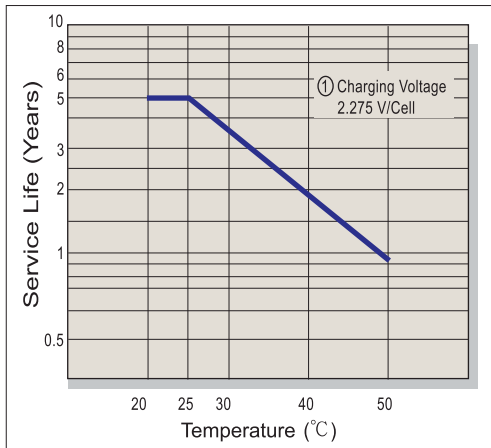
Constant Current Discharge Characteristics Unit:A (25°C,77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	35.6	22.0	16.5	9.61	5.51	3.92	3.08	2.13	1.34	0.92	0.77	0.45
1.67V	33.1	21.0	15.9	9.36	5.41	3.85	3.02	2.08	1.31	0.90	0.76	0.44
1.70V	31.9	20.5	15.6	9.24	5.37	3.82	3.00	2.06	1.30	0.89	0.75	0.43
1.75V	29.6	19.6	15.1	9.03	5.30	3.77	2.96	2.02	1.27	0.88	0.74	0.42
1.80V	27.2	18.6	14.4	8.77	5.23	3.71	2.91	1.98	1.25	0.87	0.73	0.42
1.85V	24.5	17.4	13.7	8.44	5.14	3.66	2.87	1.95	1.22	0.86	0.71	0.40

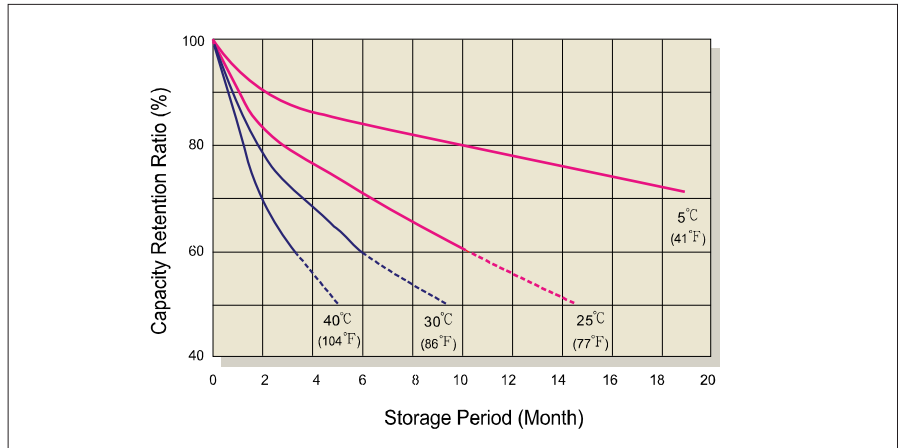
Constant Power Discharge Characteristics Unit:W (25°C,77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	180	123	91.4	53.9	32.2	23.5	18.8	13.3	8.62	5.87	4.90	2.68
1.67V	170	118	88.7	52.9	31.8	23.2	18.5	13.2	8.50	5.80	4.84	2.63
1.70V	165	115	87.2	52.4	31.6	23.1	18.4	13.1	8.45	5.76	4.77	2.61
1.75V	157	111	85.0	51.6	31.2	22.8	18.2	13.0	8.36	5.70	4.73	2.57
1.80V	147	106	82.3	50.6	30.9	22.5	18.0	12.8	8.27	5.65	4.70	2.53
1.85V	138	101	79.2	49.5	30.4	22.1	17.7	12.6	8.16	5.60	4.64	2.49

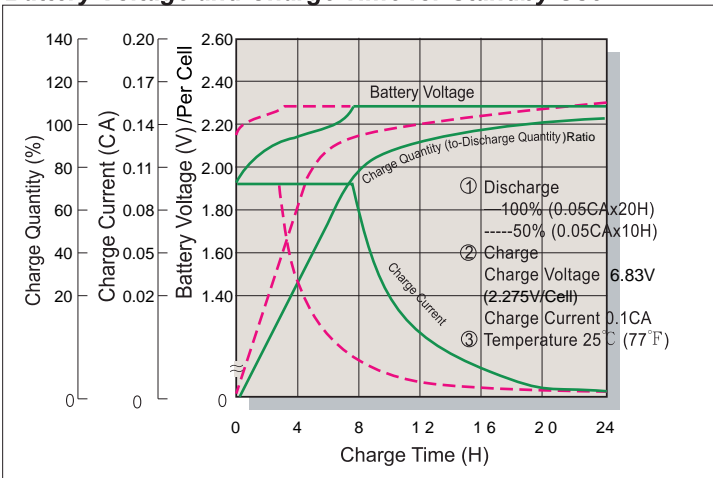
Trickle (or Float) Service Life



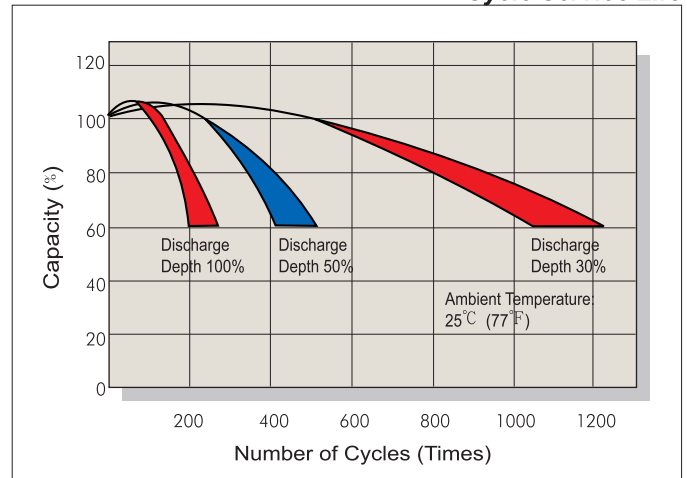
Capacity Retention Characteristic



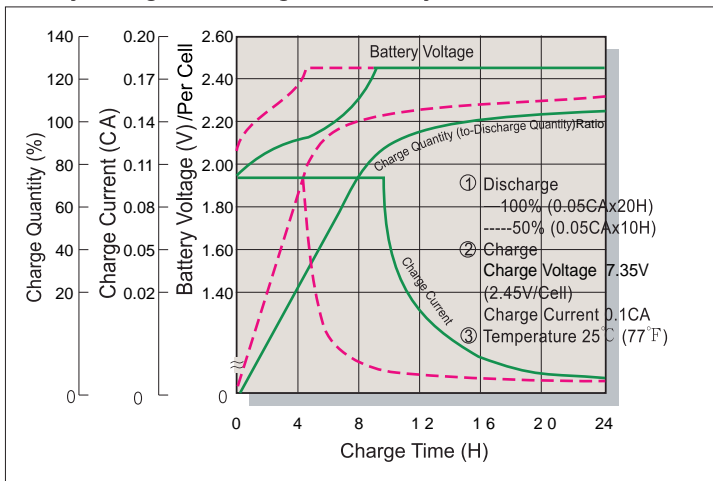
Battery Voltage and Charge Time for Standby Use



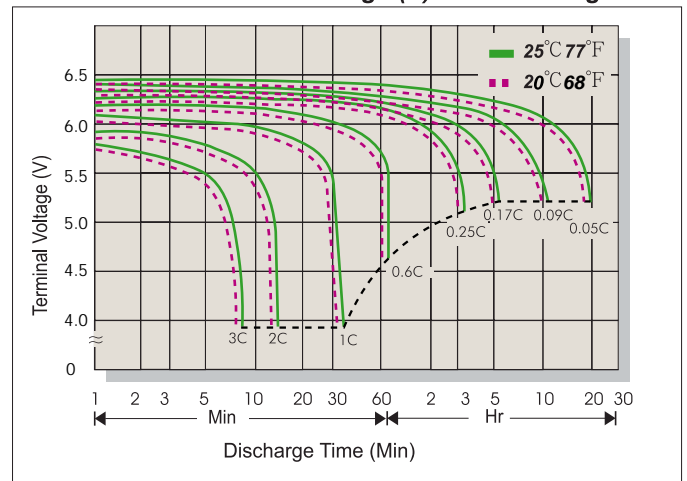
Cycle Service Life



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	1.0C > (A)

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