



GP series

GP 672 6V 8.4AH



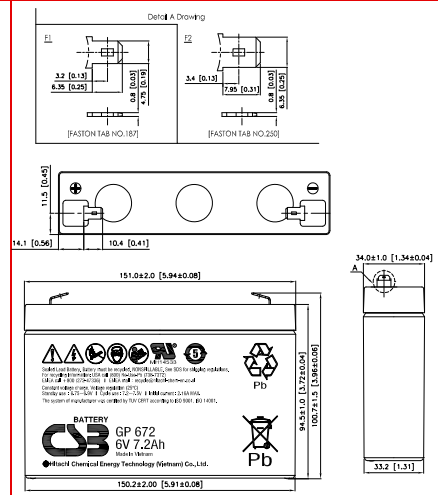
Valve Regulated Lead Acid Battery

Maintenance-Free Sealed Lead Acid Battery.
Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99%.

Design for Standby Power Applications

| | |
|--|---|
| <p>【Design Life】 Up to 5 Years in Standby Service at 25°C Eurobat (20°C) : 3-5 years, Standard Commercial</p> <p>【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)</p> | <p>【Float Charging Voltage】 6.75 ~ 6.90 VDC/Unit at 25°C (77°F)</p> <p>【Equalization Charging Voltage】 7.2 ~ 7.5 VDC/Unit at 25°C (77°F)</p> <p>【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).</p> |
|--|---|

| Specification | | Design according with IEC 61056-1/2: 2012 | |
|---------------------------|---|---|----------------|
| Nominal Voltage | 6V (3 cells per unit) | | |
| Nominal Capacity | 8.4 Ah @20hr-rate to 1.75V per cell @25°C (77°F) | | |
| Weight | Approx. 1.22 Kg (2.68 lbs) | | |
| Maximum Discharge Current | 100/130A (5sec) | | |
| Internal Resistance | Approx. 12.3mΩ | | |
| Short Circuit Current | 259A | | |
| Maximum Charge Current | 2.16A | | |
| Terminal types | F1/F2 terminal -Faston Tab 187/250 | | |
| Terminal Breaking Torque | -- | | |
| Container Material | ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request | | |
| Dimensions | Length (L) | 151.0±2.0 mm | 5.94±0.08 inch |
| | Width (W) | 34.0±1.0 mm | 1.34±0.04 inch |
| | Container Height (h) | 94.5±1.0 mm | 3.72±0.04 inch |
| | Overall Height (H) | 100.7±1.5 mm | 3.96±0.06 inch |



| Constant Current Discharge Characteristics Unit: A (25°C, 77°F) | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| F.V/Time | 5 MIN | 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 | 0.41 |
| 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 |

Please refer to the official site for the latest rating confirmation. URL: www.csb-battery.com Issued: 180205

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