



XTV series

XTV 1272 12V 7.2AH



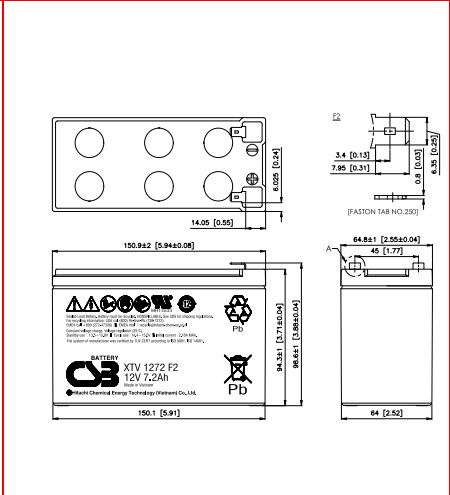
Valve Regulated Lead Acid Battery

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

Design for Standby Power Applications at Extreme Temperatures

| | |
|---|---|
| <p>【Design Life】 Up to 12 Years in Standby Service at 25°C Eurobat (20°C) : 10-12 years, Long Life</p> <p>【Operating Temperature Range】 Nominal Operating Temperature : 25°C (77°F) Discharge : -20°C ~ 50°C (-4°F~122°F) Charge: -20°C ~ 50°C (-4°F~122°F) Storage: -15°C ~ 40°C (5°F~104°F)</p> | <p>【Float Charging Voltage】 13.5 ~ 13.8 VDC/Unit at 25°C (77°F)</p> <p>【Equalization Charging Voltage】 14.4 ~ 15.0 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 | 12V (6 cells per unit) | | |
| Nominal Capacity | 7.2Ah @20hr-rate to 1.75V per cell @25°C (77°F) | | |
| Weight | Approx. 2.57 Kg (5.66 lbs) | | |
| Maximum Discharge Current | 130A (5sec) | | |
| Internal Resistance | Approx. 20.40 mΩ | | |
| Short Circuit Current | 305A | | |
| Maximum Charge Current | 2.16A | | |
| Terminal types | F2 terminal -Faston Tab 250 | | |
| Terminal breaking Torque | -- | | |
| Container Material | ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request | | |
| Dimensions | Length (L) | 150.9±2.0 mm | 5.94±0.08 inch |
| | Width (W) | 64.8±1.0 mm | 2.55±0.04 inch |
| | Container Height (h) | 94.3±1.0 mm | 3.71±0.04 inch |
| | Overall Height (H) | 98.6±1.0 mm | 3.88±0.04 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 | 27.7 | 17.7 | 13.4 | 7.94 | 4.60 | 3.35 | 2.67 | 1.93 | 1.25 | 0.88 | 0.72 | 0.40 |
| 1.67V | 26.8 | 17.4 | 13.3 | 7.87 | 4.47 | 3.28 | 2.63 | 1.89 | 1.24 | 0.87 | 0.71 | 0.39 |
| 1.70V | 25.8 | 17.1 | 13.2 | 7.81 | 4.41 | 3.24 | 2.61 | 1.89 | 1.23 | 0.86 | 0.70 | 0.38 |
| 1.75V | 24.6 | 16.4 | 12.9 | 7.74 | 4.31 | 3.21 | 2.60 | 1.88 | 1.22 | 0.84 | 0.69 | 0.37 |
| 1.80V | 21.8 | 15.4 | 12.3 | 7.52 | 4.22 | 3.16 | 2.57 | 1.86 | 1.21 | 0.82 | 0.68 | 0.36 |
| 1.85V | 18.3 | 13.9 | 11.2 | 7.10 | 4.10 | 3.06 | 2.48 | 1.79 | 1.19 | 0.80 | 0.66 | 0.35 |

| Constant Power Discharge Characteristics Unit: W (25°C, 77°F) | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| F.V/Time | 5 MIN | 10MIN | 15MIN | 30MIN | 60MIN | 90MIN | 2HR | 3HR | 5HR | 8HR | 10HR | 20HR |
| 1.60V | 299 | 193 | 149 | 89.8 | 54.8 | 40.0 | 32.1 | 23.1 | 15.2 | 10.3 | 8.64 | 4.68 |
| 1.67V | 290 | 190 | 148 | 89.3 | 54.7 | 39.9 | 31.9 | 23.0 | 15.1 | 10.2 | 8.62 | 4.62 |
| 1.70V | 282 | 188 | 147 | 88.8 | 54.5 | 39.8 | 31.8 | 22.9 | 15.0 | 10.1 | 8.59 | 4.60 |
| 1.75V | 264 | 182 | 145 | 88.1 | 53.8 | 39.5 | 31.7 | 22.8 | 14.9 | 10.0 | 8.55 | 4.55 |
| 1.80V | 239 | 173 | 138 | 86.3 | 53.2 | 39.1 | 31.4 | 22.7 | 14.8 | 9.92 | 8.50 | 4.50 |
| 1.85V | 206 | 160 | 128 | 82.3 | 51.8 | 37.8 | 30.2 | 21.9 | 14.7 | 9.84 | 8.26 | 4.44 |

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

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