

Specifications

| | |
|--|--|
| Voltage (Vdc) | 12V |
| Ah Capacity (8HR to 1.75VPC @25°C) | 90.4 |
| Ah Capacity (20HR to 1.75VPC @25°C) | 100 |
| Ah Capacity (8HR to 1.80VPC @25°C) | 89.7 |
| Max Charge Current (A) | 30 |
| Max Discharge Current (A) | 800 (5 sec) |
| Short Circuit Current (A) | 2258 (5 sec) |
| Internal Resistance (mΩ) | Approx. 4.10 |
| Terminal Type | I2 thread alloy terminal to accept M6 bolt |
| Terminal Torque | 51.7 ± 10.3 Kgf·cm / 44.9 ± 9.0 Lbf·in / 5.1 ± 0.6 N·m |
| Container Material | PP (UL 94-HB) & Flame Retardant (94-V0) available upon request |
| Weight (kg. / lb.) | Approx. 30.20kg / 66.56lb |
| Length (L) (mm / in) | 308.7 ± 2.5mm / 8.41 ± 0.10in |
| Width (W) (mm / in) | 169.0 ± 2.0mm / 6.65 ± 0.08in |
| Height (H) (mm / in) | 213.6 ± 2.5mm / 8.41 ± 0.10in |
| Design Life | Up to 12 Years in Standby Service at 25°C. Eurobat (20°C): >12 Years Very Long Life |
| Operating Temperature | Nominal: 25°C (77°F) Discharge: -20°C - 50°C (5°F - 122°F) Charge / Storage -20°C - 40°C (5°F - 104°F) |
| Float Charging Voltage | 13.5 - 13.8 Vdc/battery @ 25°C (77°F) |
| Eq. Charging Voltage | 14.4 - 15.0 Vdc/battery @ 25°C (77°F) |
| Self-Discharge | Less than 10% after 90 days, can be stored up to 6 months & 10 months with equalization charge* @ 25°C (77°F). Full recharge required before use. Charge sooner if stored above 25°C (77°F). |



KEY FEATURES

- Valve Regulated Lead Acid (VRLA) Battery
- Maintenance-Free, Absorbent Glass Mat (AGM) Technology for Efficient Gas Recombination of up to 99%
- Pure Lead Construction and Proprietary Elements

APPLICATIONS

- Designed for Float Service Standby Power Applications in Extreme Temperature Environments

SAFETY & COMPLIANCE

- Built in Accordance with IEC 60896-21/22:2004
- UL1973 Listed (MH66728)
- UL1989 Recognized (MH14533)
- Certified by TUV NORD according to ISO 9001:2015



