

TELECOM



ALL NORTHSTAR PRODUCTS ARE COMPLIANT WITH:

- ✦ Telcordia SR4228
- ✦ Bellcore GR-63-Core, Issue 1
- ✦ DOT 49CFR173.159(d) (i) and (ii)
- ✦ UL Approval
- ✦ British and German telecom standards

Northstar Battery Company is proud to be registered to ISO-9001 and ISO-14001 standards.

NSB 60 FT

KEY FEATURES

- Specifically designed for mission-critical applications. Excels at high-rate discharge and recharge, extreme temperature range, deep or shallow cyclic applications.
- High cyclic life capability +500 C/3 @ 80% DOD.
- 10 year float life at 25°C (77°F) — 15 year float life at 20°C (68°F).
- Flame retardant (UL 94 VO) PPO plastic case and cover.
- 3 step terminal seal design to ensure leak-free operation. Female M8 brass terminals provide maximum high rate performance and no annual retightening.
- Integral handles ensure ease of handling.
- Approved as non-hazardous cargo for ground, sea and air transportation.

ELECTRICAL CHARACTERISTICS

Refer to the NSB detailed performance tables for additional current, capacity and power information.

| | <i>Int'l Standards @ 20°C</i> | <i>NA Standards @ 77°F</i> |
|-------------------------------------|-------------------------------|-----------------------------|
| 8 hour capacity to 1.75 VPC | 57.0 amp-hours | 57.9 amp-hours |
| 10 hour capacity to 1.80 VPC | 56.9 amp-hours | 57.7 amp-hours |
| Float voltage | 2.29 +/- .02 volts per cell | 2.27 +/- .02 volts per cell |
| Cyclic Recharge | 2.45 VPC — no current limit | |
| Shelf life | 2 years | |
| Impedance (1KHz) | 4.1 mΩ | |
| Short Circuit Current | 2,000 Amps | |
| Voltage | 12 Volts | |

MECHANICAL CHARACTERISTICS

| | <i>SI Units</i> | <i>English Units</i> |
|------------------------|-------------------|----------------------|
| Height | 263.0 mm | 10.35 inches |
| Width | 107.6 mm | 4.24 inches |
| Length | 287.0 mm | 11.30 inches |
| Weight | 22.2 kilograms | 46.2 pounds |
| Terminal Torque | 8.0 Newton-meters | 71 inch-pounds |