

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-9001:2000 and ISO-14001 standards.

NSB 40 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) PC-ABS plastic case and cover.
- 3 step terminal seal design to ensure leak-free operation. Female M6 brass terminals provide maximum high rate performance and no annual retightening.
- 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.

	Int'l Standards @ 20°C	NA Standards @ 77°F
8 hour capacity to 1.75 VPC	37.5 amp-hours	38.1 amp-hours
10 hour capacity to 1.80 VPC	37.6 amp-hours	38.1 amp-hours
Float voltage	2.29 +/- .03 volts per cell	2.27 +/- .03 volts per cell
Cyclic Recharge	2.45 VPC — no current limit	
Shelf life	2 years	
Impedance (1KHz)	6.5 m	
Short Circuit Current	1,400 Amps	
Voltage	12 Volts	

MECHANICAL CHARACTERISTICS

	SI Units	English Units
Height	208.5 mm	8.21 inches
Width	96.7 mm	3.81 inches
Length	250.0 mm	9.84 inches
Weight	15.3 kilograms	27.9 pounds
Terminal Torque	8.0 Newton-meters	71 inch-pounds