



NOTHING IS MORE RELIABLE

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 100 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 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.

	Int'l Standards @ 20°C	NA Standards @ 77°F
8 hour capacity to 1.75 VPC	98.6 amp-hours	100.5 amp-hours
10 hour capacity to 1.80 VPC	100 amp-hours	101.4 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)	2.5 m	
Short Circuit Current	3,500 Amps	
Voltage	12 Volts	

MECHANICAL CHARACTERISTICS

	SI Units	English Units
Height	287.0 mm	11.30 inches
Width	107.6 mm	4.24 inches
Length	396.0 mm	15.59 inches
Weight	35.6 kilograms	78.5 pounds
Terminal Torque	8.0 Newton-meters	71 inch-pounds