

## 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
<b>8 hour capacity to 1.75 VPC</b>	98.6 amp-hours	100.5 amp-hours
<b>10 hour capacity to 1.80 VPC</b>	100 amp-hours	101.4 amp-hours
<b>Float voltage</b>	2.29 +/- .02 volts per cell	2.27 +/- .02 volts per cell
<b>Cyclic Recharge</b>	2.45 VPC — no current limit	
<b>Shelf life</b>	2 years	
<b>Impedance (1KHz)</b>	2.5 m	
<b>Short Circuit Current</b>	3,500 Amps	
<b>Voltage</b>	12 Volts	

### MECHANICAL CHARACTERISTICS

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