



NOTHING IS MORE RELIABLE



NSB+90

KEY FEATURES

- Specifically designed for abusive 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.

	<i>Int'l Standards @ 20°C</i>	<i>NA Standards @ 77°F</i>
20 hour capacity to 1.75 VPC	100.8 amp-hours	102.9 amp-hours
15 minute power to 1.67 VPC	395.6 watts per cell	420.1 watts per cell
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)	2.0 mΩ	
Short Circuit Current	4,300 Amps	
Voltage	12 Volts	

MECHANICAL CHARACTERISTICS

	<i>SI Units</i>	<i>English Units</i>
Height	176 mm	6.93 inches
Width	165 mm	6.50 inches
Length	331 mm	13.03 inches
Weight	37.8 kilograms	83.1 pounds
Terminal Torque	8.0 Newton-meters	71 inch-pounds

ALL NORTHSTAR PRODUCTS ARE COMPLIANT WITH:

- ★ Telcordia SR4228
- ★ Bellcore GR-63-Core, Issue 1
- ★ DOT 49CFR173.159(d) (i) and (ii)
- ★ UL Approval
- ★ ISO 9000/14000
- ★ BS6290(iv)