



NSB+40

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 M6 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
20 hour capacity to 1.75 VPC	42.3 amp-hours	43.2 amp-hours
15 minute power to 1.67 VPC	207.5 watts per cell	220.3 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)	4.5 mΩ	
Short Circuit Current	2,000 Amps	
Voltage	12 Volts	

MECHANICAL CHARACTERISTICS

	SI Units	English Units
Height	176 mm	6.93 inches
Width	165 mm	6.50 inches
Length	197 mm	7.76 inches
Weight	16.0 kilograms	35.3 pounds
Terminal Torque	6.0 Newton-meters	53 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)