



## NSB+75

### 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.
- 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>
<b>20 hour capacity to 1.75 VPC</b>	70.5 amp-hours	72 amp-hours
<b>15 minute power to 1.67 VPC</b>	319.4 watts per cell	339.1 watts per cell
<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>	2.6 mΩ	
<b>Short Circuit Current</b>	3,200 Amps	
<b>Voltage</b>	12 Volts	

### MECHANICAL CHARACTERISTICS

	<i>SI Units</i>	<i>English Units</i>
<b>Height</b>	200 mm	7.87 inches
<b>Width</b>	173 mm	6.80 inches
<b>Length</b>	261 mm	10.27 inches
<b>Weight</b>	27.3 kilograms	60.0 pounds
<b>Terminal Torque</b>	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)