

## TELECOM



### 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
- ✦ British and German telecom standards

## NSB 40 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 M6 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.

	Int'l Standards @ 20°C	NA Standards @ 77°F
<b>8 hour capacity</b> to 1.75 VPC	38 amp-hours	39 amp-hours
<b>10 hour capacity</b> to 1.80 VPC	39 amp-hours	40 amp-hours
<b>Float voltage</b>	2.29 +/- .03 volts per cell	2.27 +/- .03 volts per cell
<b>Cyclic Recharge</b>	2.45 VPC — no current limit	
<b>Shelf life</b>	2 years	
<b>Impedance (1KHz)</b>	6.5 m	
<b>Short Circuit Current</b>	1,400 Amps	
<b>Voltage</b>	12 Volts	

### MECHANICAL CHARACTERISTICS

	SI Units	English Units
<b>Height</b>	207 mm	8.14 inches
<b>Width</b>	94 mm	3.72 inches
<b>Length</b>	250 mm	9.84 inches
<b>Weight</b>	12.7 kilograms	27.9 pounds
<b>Terminal Torque</b>	8.0 Newton-meters	71 inch-pounds