

## 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 and ISO-14001 standards.

## NSB+170+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) PPO 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>
<b>8 hour capacity</b> to 1.75 VPC	168.1 amp-hours	170.8 amp-hours
<b>10 hour capacity</b> to 1.80 VPC	170 amp-hours	172.4 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>	1.5 mΩ	
<b>Short Circuit Current</b>	5,000 Amps	
<b>Voltage</b>	12 Volts	

### MECHANICAL CHARACTERISTICS

	<i>SI Units</i>	<i>English Units</i>
<b>Height</b>	320.0 mm	12.60 inches
<b>Width</b>	125.0 mm	4.92 inches
<b>Length</b>	560.0 mm	22.05 inches
<b>Weight</b>	59.1 kilograms	131.2 pounds
<b>Terminal Torque</b>	8.0 Newton-meters	71 inch-pounds