



The NSB HT RED Battery® delivers long life in unreliable grid conditions even at high temperatures.

- Pure lead electrochemistry greatly increases temp and corrosion resistance while reducing component aging
- Thin plates deliver large surface area high power density and low resistance
- Fast recharging
- High cyclic performance
- Flame retardant (UL 94 V0) and LOI of at least 28%
- Shelf life of up to 24 months



northstarbattery.com

NSB 90TT HT RED

Technical Specifications

Dimensions (Nominal)

Height	8.4 in	Width	6.8 in
Length	13.4 in	Weight	76 lbs

Electrical

Terminal	Female M6 x 1.0
Terminal torque	8.0 Nm (71 in-lbs)
1 hr capacity to 1.70VPC @ 20/25°C (68/77°F)	74 / 77 Ah
3 hr capacity to 1.75VPC @ 20/25°C (68/77°F)	86 / 89 Ah
8 hr capacity to 1.75VPC @ 20/25°C (68/77°F)	94 / 96 Ah
10 hr capacity to 1.80VPC @ 20/25°C (68/77°F)	96 / 97 Ah
Float voltage @ 20/25°C (68/77°F)	2.28 / 2.27 VPC
Impedance (1Khz)	2.8 mΩ @ 25°C (77°F)
Conductance	1803 S
Short circuit current	3600 A
Operation temperature range	-40°C to +65°C
Nominal voltage	12 V

Technical Drawing

- Approved as non-hazardous cargo for ground, sea, and air transportation in accordance with US DOT Regulation 49 and ICAO & IATA Packing Instruction 806. Please see our SDS for complete details at www.enersys.com

- Complies with Telcordia® SR-4228, Network Equipment Building System (NEBS™) Criteria Levels

- The management systems governing the manufacture of this product are ISO 9001 and ISO 14001 certified

