

NSB 90TT HT RED



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
- Design life 15+ years at 20°C (68°F)
- Extra long life at high temp operation 40°C (104°F)
- EUROBAT design life definition: Very Long Life (12+ years)
- Advanced 3 stage terminal design to ensure leak-free operation brass terminals provide maximum performance
- Approved as non-hazardous cargo for ground, sea and air transport DOT 49CFR173.159(d), (i) and (ii)

- Fast recharging
- High cyclic performance
- Flame retardant (UL 94 VO) and LOI of at least 28%
- Shelf life of up to 24 months
- Operating temperature range -40°C to +65°C (-40°F to 149°F)
- State-of-the-art automated manufacturing ensures consistency and reliability
- High modulus Polyphenylene Oxide (PPO) plastic materials designed to withstand extended elevated operating temperatures and maintain high battery compression essential for reliable operation
- Non-halogenated thermally sealed plastic casing

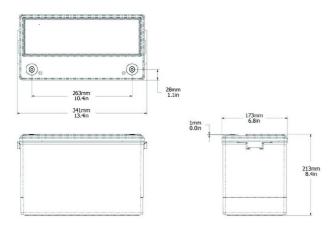


NSB 90TT HT RED Nominal Technical Specifications

Dimensions

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 m Ω @ 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



All NorthStar batteries are compliant with: Telcordia SR4228, IEC 60896; Bellcore GR-63-Core, Issue 1; British, German, and Russian telecom standards; UL approved and UN2800 certified. NorthStar is registered to ISO 9001 and ISO 14001.

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