AGM Thin Plate Pure Lead - High Temp

99.9% PURE LEAD

15 YRS FLOAT LIFE

PROUDLY MADE IN THE **USA**

The NSB 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: Long Life (12+ years)
- High cyclic performance
- Fast recharging

- 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
- Advanced 3 stage terminal design to ensure leak-free operation - brass terminals provide maximum performance
- 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
- Approved as non-hazardous cargo for ground sea and air transport DOT 49CFR173.159(d), (i) and (ii)

NSB 170FT Red
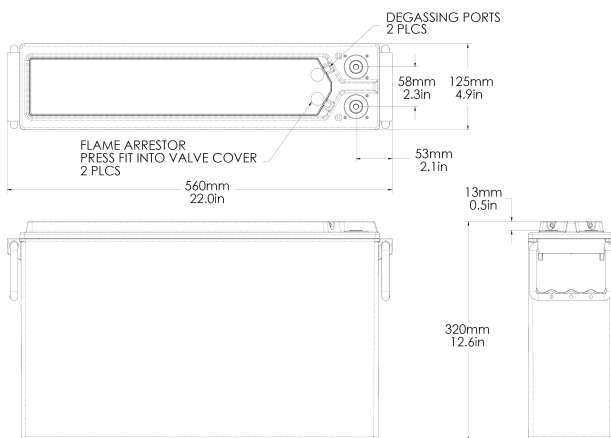## Nominal Technical Specifications

Dimensions

Height	320 mm	Width	125 mm
Length	560 mm	Weight	55 kg

Electrical

Terminal	Female M8 x 1.25
Terminal torque	8.0 Nm (71 in-lbs)
1 hr capacity to 1.70VPC @ 20/25°C (68/77°F)	126 / 131 Ah
3 hr capacity to 1.75VPC @ 20/25°C (68/77°F)	156 / 160 Ah
8 hr capacity to 1.75VPC @ 20/25°C (68/77°F)	171 / 174 Ah
10 hr capacity to 1.80VPC @ 20/25°C (68/77°F)	172 / 174 Ah
Float voltage @ 20/25°C (68/77°F)	2.28 / 2.27 VPC
Impedance (1Khz)	2.6 mΩ @ 25°C (77°F)
Conductance	1985 S
Short circuit current	6000 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.