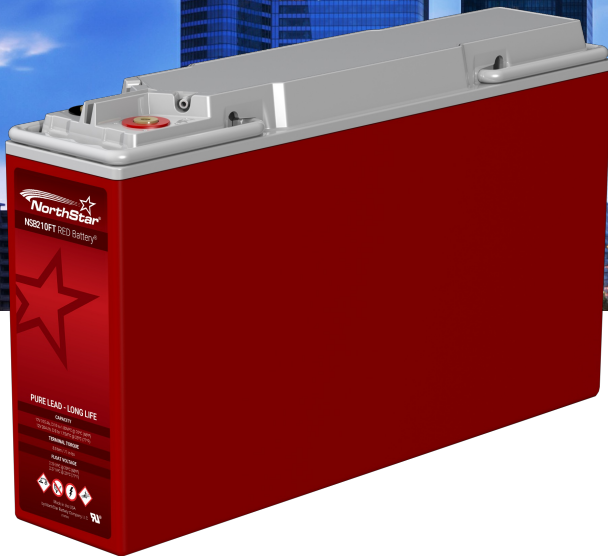


Pure Lead - Long Life



The NSB RED Battery[®] delivers long life for reliable and unreliable grid conditions.

- Pure lead AGM technology delivers long float life for telecom applications even at elevated temperatures
- 15 year float life at 20 °C (68°F)
- EUROBAT design life definition: Very Long Life (12+ years)
- High energy density
- 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 - female M8 brass terminals provide maximum performance
- 2 year shelf life at 25 °C (77°F)
- 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
- Flame retardant (UL 94 V0) and LOI of at least 28%
- Integral handles and front access terminals ensure ease of installation and maintenance
- Approved as non-hazardous cargo for ground, sea, and air transport - DOT 49CFR173.159(d), (i) and (ii)

NSB 210FT RED

Nominal Technical Specifications

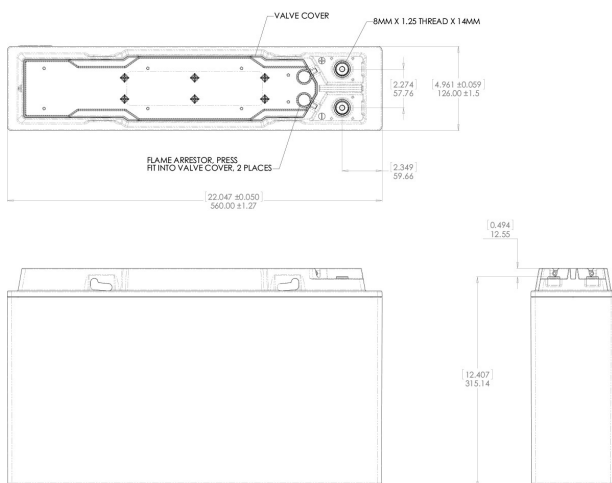
Dimensions

Height	12.9 in	Width	4.96 in
Length	22 in	Weight	132 lbs

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)	142 / 148 Ah
3 hr capacity to 1.75VPC @ 20/25°C (68/77°F)	177 / 182 Ah
8 hr capacity to 1.75VPC @ 20/25°C (68/77°F)	200 / 204 Ah
10 hr capacity to 1.80VPC @ 20/25°C (68/77°F)	204 / 207 Ah
Float voltage @ 20/25°C (68/77°F)	2.28 / 2.27 VPC
Impedance (1Khz)	2.8 mΩ @ 25°C (77°F)
Conductance	1920 S
Short circuit current	5400 A
Operation temperature range	-40°C to +65°C (-40°F to 149°F)
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.