

NSB 2-470 Red Battery®

Long float life at elevated temperatures



Red Star Technology® uses pure lead plates to deliver **exceptionally long float life even at elevated temperatures.**

- 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: 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
- 2 year shelf life at 25°C (77°F)
- Advanced 3 stage terminal design to ensure leak-free operation - female M8 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
 - Flame retardant (UL 94 V0) and LOI of at least 28%
- Approved as non-hazardous cargo for ground, sea, and air transport - DOT 49CFR173.159(d), (i) and (ii)

Visit our website to find out more www.northstarbattery.com



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Technical Specifications



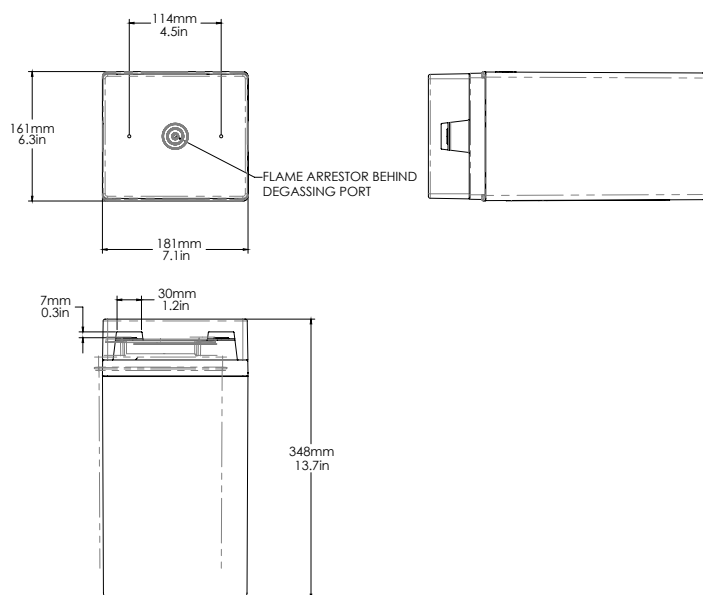
Electrical

10 hour capacity to 1.80 VPC @ 25°C (77°F)	470 Ah
8 hour capacity to 1.75 VPC @ 25°C (77°F)	471 Ah
10 hour capacity to 1.80 VPC @ 20°C (68°F)	464 Ah
Float Voltage	2.27 +/- 0.02 VPC @ 25°C (77°F)
Nominal Voltage	2 V
Impedance (1kHz)	0.3 mΩ @ 25°C (77°F)
Conductance	4,037 S
Short Circuit Current	4,800 A
Maximum Charge Current	no limit

Dimensions

Height	161 mm (6.3 in)	Weight	26 kg (57 lbs)
Width	181 mm (7.1 in)	Terminal	Female M8 x 1.25
Depth	348 mm (13.7 in)	Terminal Torque	8.0 Nm (71 in-lbs)

Drawings



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

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