

Pure Lead - Long Life



The NSB RED Battery<sup>®</sup> delivers long life for reliable and unreliable grid conditions.

- 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)
- EUROBAT design life definition: Very Long Life (12+ years)
- Fast recharging
- Operating temperature range -40°C to +65°C (-40°F to 149°F)
- State-of-the-art automated manufacturing ensures consistency and reliability
- Shelf life of up to 24 months
- 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
- Flame retardant (UL 94 VO) and LOI of at least 28%
- Approved as non-hazardous cargo for ground, sea, and air transport - DOT 49CFR173.159(d), (i) and (ii)

# NSB 190FT RED

## Technical Specifications

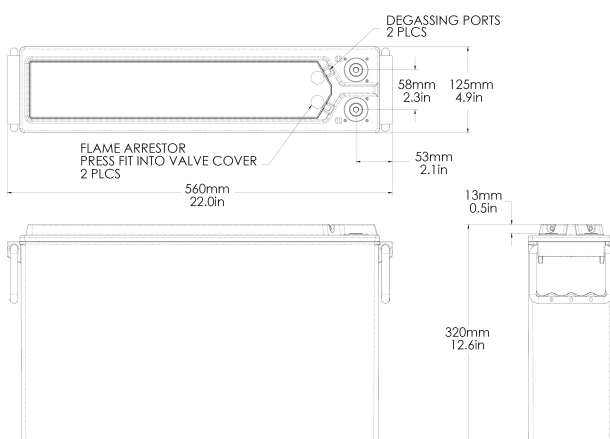
### Dimensions (Nominal)

Height	12.6 in	Width	4.9 in
Length	22 in	Weight	123 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)	123 / 129 Ah
3 hr capacity to 1.75VPC @ 20/25°C (68/77°F)	160 / 164 Ah
8 hr capacity to 1.75VPC @ 20/25°C (68/77°F)	183 / 186 Ah
10 hr capacity to 1.80VPC @ 20/25°C (68/77°F)	187 / 190 Ah
Float voltage @ 20/25°C (68/77°F)	2.28 / 2.27 VPC
Impedance (1Khz)	2.8 mΩ @ 25°C (77°F)
Conductance	1900 S
Short circuit current	5000 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](http://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