

## AGM Thin Plate Lead Carbon



The NSB BLUE+ Battery® delivers ultra fast recharge and exceptional PSoC cycling performance.

- Exceptional PSoC cyclic performance 2050 cycles @50% DoD
- Design life 12+ years at 20°C (68°F)
- EUROBAT design life definition: Very Long Life (12+ years)
- Ultra fast recharge
- Shelf life of up to 24 months
- Lead carbon added to negative electrodes increases power and reduces sulfation
- High potential fuel savings when used with hybrid genset applications
- 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 BLUE+

## Nominal Technical Specifications

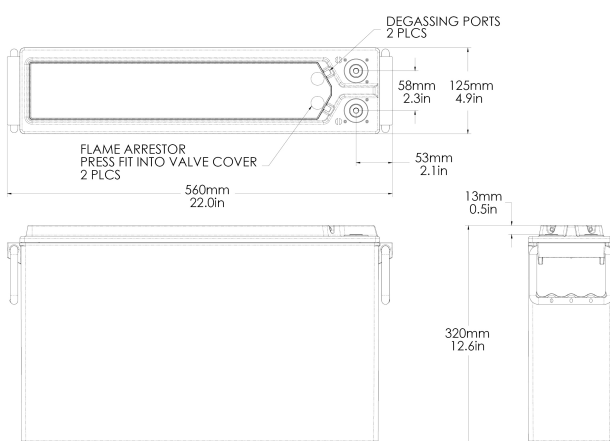
### Dimensions

|        |        |        |        |
|--------|--------|--------|--------|
| Height | 320 mm | Width  | 125 mm |
| Length | 560 mm | Weight | 60 kg  |

### Electrical

|   |                      |
|---|----------------------|
| Terminal                                | Female M8 x 1.25     |
| Terminal torque                         | 8.0 Nm (71 in-lbs)   |
| 10 hr capacity to 1.80VPC @ 25°C (77°F) | 170 Ah               |
| 8 hr capacity to 1.75VPC @ 25°C (77°F)  | 168 Ah               |
| Float voltage @ 20/25°C (68/77°F)       | 2.28 / 2.27 VPC      |
| Impedance (1Khz)                        | 2.8 mΩ @ 25°C (77°F) |
| Conductance                             | 2380 S               |
| Short circuit current                   | 6000 A               |
| Maximum charge current (A)              | No Limit             |
| 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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