

NSB 92FT Silver Battery™

Specifically designed for semi stable mains



Designed for **high power and superior cyclic capability** - built to be reliable, even when the power mains are not.

- High cycle capability, high energy density
- Fast recharge performance
- 10 year float life at 25°C (77°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
- Operating temperature range -40°C to +65°C
- EUROBAT design life definition: Long Life
- 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 and cover
 - 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)

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



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Nominal Technical Specifications



Electrical

| | International Standard 20°C (68°F) | North American Standard 25°C (77°F) |
|------------------------------|------------------------------------|-------------------------------------|
| 8 hour capacity to 1.75 VPC | 90 Ah | 91 Ah |
| 10 hour capacity to 1.80 VPC | 91 Ah | 92 Ah |
| Float Voltage | 2.29 +/- 0.02 VPC | 2.27 +/- 0.02 VPC |
| Nominal Voltage | 12 V | |
| Impedance [1kHz] | 3.5 mΩ @ 25°C (77°F) | |
| Conductance | 1,450 S | |
| Short Circuit Current | 3,200 A | |

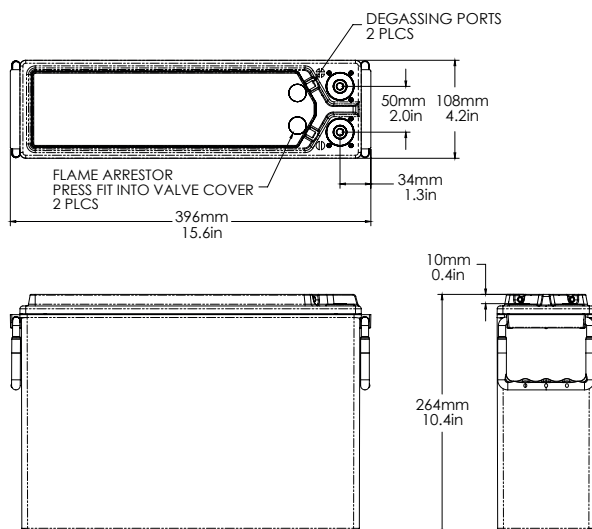
Dimensions

| | | | |
|--------|------------------|-----------------|--------------------|
| Height | 264 mm (10.4 in) | Weight | 30 kg (67 lbs) |
| Width | 108 mm (4.2 in) | Terminal | Female M8 x 1.25 |
| Depth | 396 mm (15.6 in) | Terminal Torque | 8.0 Nm (71 in-lbs) |

Ah Capacity Ratings @ 25°C (77°F)

| | | | | | |
|----------------------------|------|------|------|------|------|
| Capacity Discharge / hours | 1 | 2 | 4 | 8 | 10 |
| Capacity @ 25°C / Ah | 75 | 81 | 86 | 91 | 92 |
| End of Discharge / VPC | 1.70 | 1.75 | 1.75 | 1.75 | 1.80 |

Drawings



All NorthStar batteries are compliant with: Telcordia SR4228, 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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