

# Product Data Sheet

## NSB 100FT Silver



Specifically designed  
for semi-stable  
mains applications



- Long design life
- High cycling and fast recharge performance
- State of the art manufacturing automation ensures consistency and reliability
- Advanced 3 stage terminal design to ensure leak free operation
  - Female M8 brass terminals provide maximum performance
- High modulus polyphenylene plastic materials designed to withstand extended elevated operating temperatures and maintain high battery compression essential for reliable operation
- Thermally sealed plastic casing and cover
  - Flame retardant (UL 94 VO) and LOI of at least 28%
- Integral handles and front access terminals ensure ease of installation and maintenance
- 2 year shelf life at 25°C (77°F)
- Approved as non-hazardous cargo for ground, sea, and air transport
  - DOT 49CFR173.159(d), (i) and (ii)



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### Technical Specifications

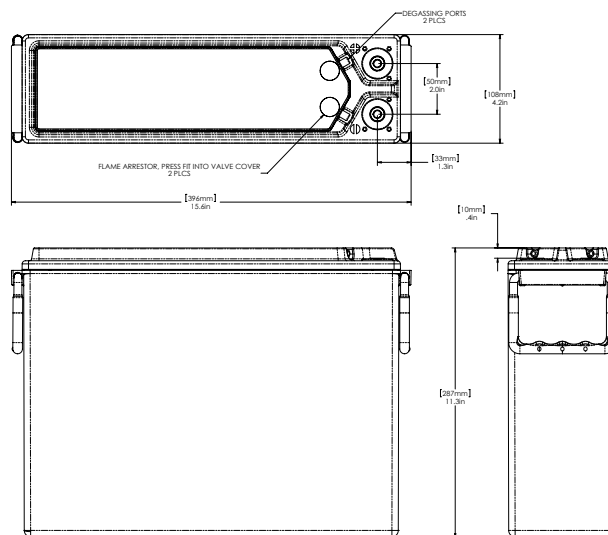
	International Standards 20°C (68°F)	NA Standards 77°F (25°C)
8 hour capacity to 1.75 Volts/Cell	99 Ah	101 Ah
10 hour capacity to 1.80 Volts/Cell	100 Ah	101 Ah
Float Voltage	2.29 +/- 0.02 Volts/Cell	2.27 +/- 0.02 Volts/Cell
Nominal Voltage	12 V	
Impedance (1kHz)	3.4 mΩ @ 25 °C (77 °F)	
Conductance	1452 S	
Short Circuit Current	3,500 A	

### Measurements

Height	287 mm (11.3 in)
Width	108 mm (4.2 in)
Depth	396 mm (15.6 in)
Weight	34 kg (74 lbs)
Terminal	Female M8 leak proof
Terminal Torque	8.0 Nm (71 in-lbs)

### Ah Capacity Ratings at 25°C (77°F)

Capacity discharge (hours)	1	2	4	8	10
Capacity @ 25°/Ah	77	85	94	101	101
End of discharge (Volts)	1.70	1.75	1.75	1.75	1.80



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#### All NorthStar products 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 & ISO 14001