

# NSB 100FT *Blue + Battery*<sup>®</sup>

Designed for demanding telecom applications



The proven performance of ***Blue Star Technology***<sup>®</sup> now enhanced to deliver **more power, high cycling and fast recharge**

- ✚ 2 year shelf life
- ✚ Ideal for demanding environments with unstable AC power
- ✚ High cycling and fast recharge performance
- ✚ High potential fuel savings when used with hybrid genset applications
- ✚ Modified electrochemistry delivers high capacity and high power density

- ✚ 10 year float life at 25°C (77°F)
- ✚ Operating temperature range -40°C to +65°C
- ✚ High modulus Polyphenylene Oxide (PPO) plastic materials designed to withstand extended elevated operating temperatures
  - Non-halogenated, thermally sealed plastic casing
  - Flame retardant (UL 94 VO) and LOI of at least 28%
- ✚ Partial State of Charge (PSOC) cycling technology



# NSB 100FT *Blue + Battery*®

## Technical Specifications



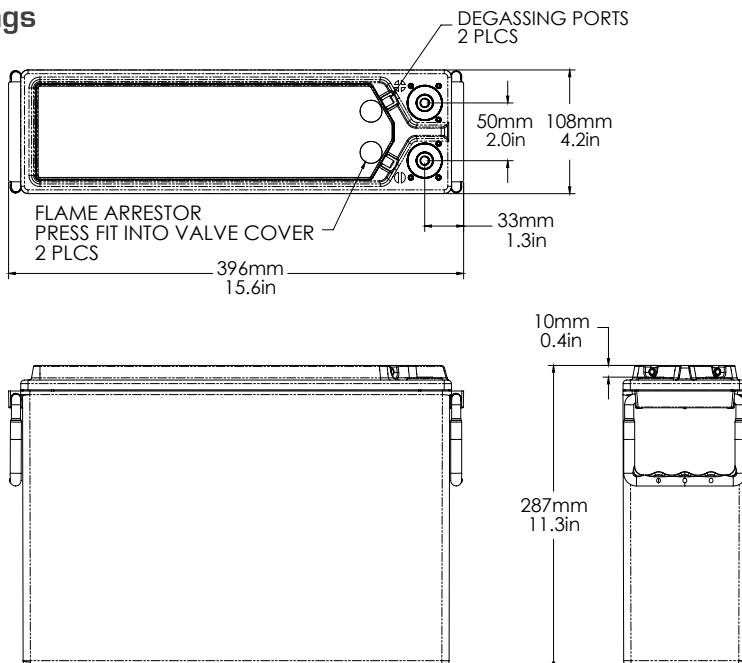
### Electrical

10 hour capacity to 1.80 VPC @ 25°C (77°F)	100 Ah
8 hour capacity to 1.75 VPC @ 25°C (77°F)	100 Ah
10 hour capacity to 1.80 VPC @ 20°C (68°F)	99 Ah
Float Voltage	2.27 +/- 0.02 VPC @ 25°C (77°F)
Nominal Voltage	12 V
Impedance (1kHz)	2.6 mΩ @ 25°C (77°F)
Conductance	1,846 S
Short Circuit Current	3,500 A
Maximum Charge Current	no limit

### Dimensions

Height	287 mm (11.3 in)	Weight	35 kg (76 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)

### 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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