

# NSB 40FT *Blue + Battery*®

Designed for demanding telecom applications



The proven performance of *Blue Star Technology*® 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
- + 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 V0) and LOI of at least 28%
- + Partial State of Charge (PSOC) cycling technology

Visit our website to find out more [www.northstarbattery.com](http://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	37 Ah	37 Ah
10 hour capacity to 1.80 VPC	37 Ah	37 Ah
Float Voltage	2.29 +/- 0.02 VPC	2.27 +/- 0.02 VPC
Nominal Voltage	12 V	
Impedance [1kHz]	3.9 mΩ @ 25°C [77°F]	
Conductance	1144	
Short Circuit Current	1,500 A	

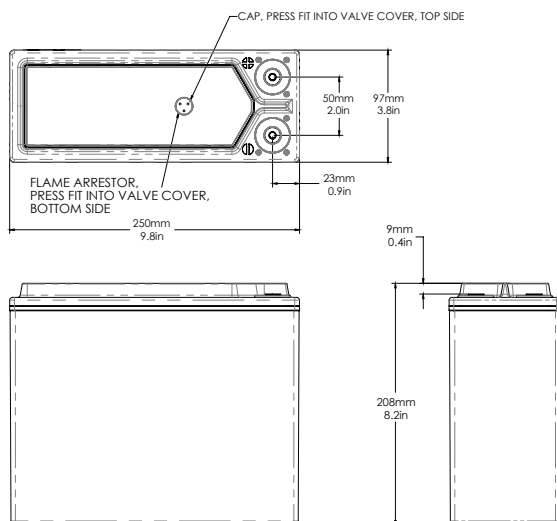
### Dimensions

Height	208 mm (8.2 in)	Weight	14 kg (31 lbs)
Width	97 mm (3.8 in)	Terminal	Female M6 x 1.0
Depth	250 mm (9.8 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	29	32	35	38	39
End of Discharge / VPC	1.70	1.75	1.75	1.75	1.80

### Drawings



All NorthStar batteries are compliant with: Telcordia SR4228, IEC 60896; 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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