

NSB 100FT BLUE+



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
- High modulus Polyphenylene Oxide (PPO) plastic materials designed to withstand extended elevated operating temperatures and maintain high battery compression essential for reliable operation
- Flame retardant (UL 94 VO) and LOI of at least 28%

- 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
- Non-halogenated thermally sealed plastic casing
- Approved as non-hazardous cargo for ground sea and air transport DOT 49CFR173.159(d), (i) and (ii)

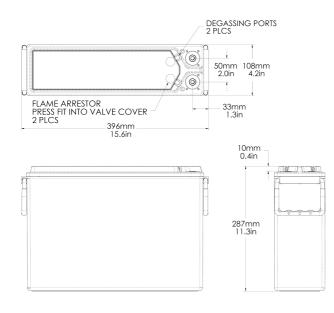


NSB 100FT BLUE+ Nominal Technical Specifications

Dimensions

Height	11.3 in	Width		4.2 in
Length	15.6 in	Weight		74 lbs
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)			100 Ah	
8 hr capacity to 1.75VPC @ 25°C (77°F)			100 Ah	
Float voltage @ 20/25°C (68/77°F)			2.28 / 2.27 VPC	
Impedance (1Khz)			2.6 m Ω @ 25°C (77°F)	
Conductance			1846 S	
Short circuit current			3500 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.

NorthStar Americas PARTIAL NorthStar Battery Company LLC 4000 Continental Way Springfield, MO, 65803, United States of America info@northstarbattery.com Tel: +1417 575 8250 Fax: +1 417 575 8250 NorthStar Europe SiteTel Sweden AB Haukadalsgatan 8A SE-164 40 Kista, Stockholm, Sweden europe@northstarbattery.com Tel: +46 8 410 102 00 Fax: +46 8 638 06 00 NorthStar Middle East, Africa NorthStar Battery DMCC Office 702, Saba 1 Tower Jumeirah Lake Towers, Dubai United Arab Emirates mea@northstarbattery.com Tel: +971 4 423 8060 Fax: +971 4 423 8061 NorthStar Asia-Pacific NS Asia Pacific Sdn. Bhd. B2-3A-13A, Solaris Dutamas No. 1, Jalan Dutamas 1, 50480 Kuala Lumpur, Malaysia asia@northstarsitetel.com Tel: +60 3 6419 0711