

NSB 170FT *Blue Battery*TM

Specifically designed for **unstable mains**



Superior cyclic performance and fast recharge for high potential fuel savings when used with hybrid gensets.

- Ideal for demanding environments with unstable AC power
- 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 VO) and LOI of at least 28%
- Operating temperature range -40°C to +65°C

- High cycling and superior fast recharge performance
- Modified electrochemistry for repeated outages
 - Optimized paste additives and grid alloy
 - Less reliance on full recharge following an outage
 - No need for regular overcharge factor
 - Capable of uncontrolled Partial State of Charge (uPSOC)* operation without loss of capacity

* For a detailed description of uPSOC, please see the *Blue Star Technology*TM section of the Telecom Application Manual



NSB 170FT Blue Battery™

Technical Specifications



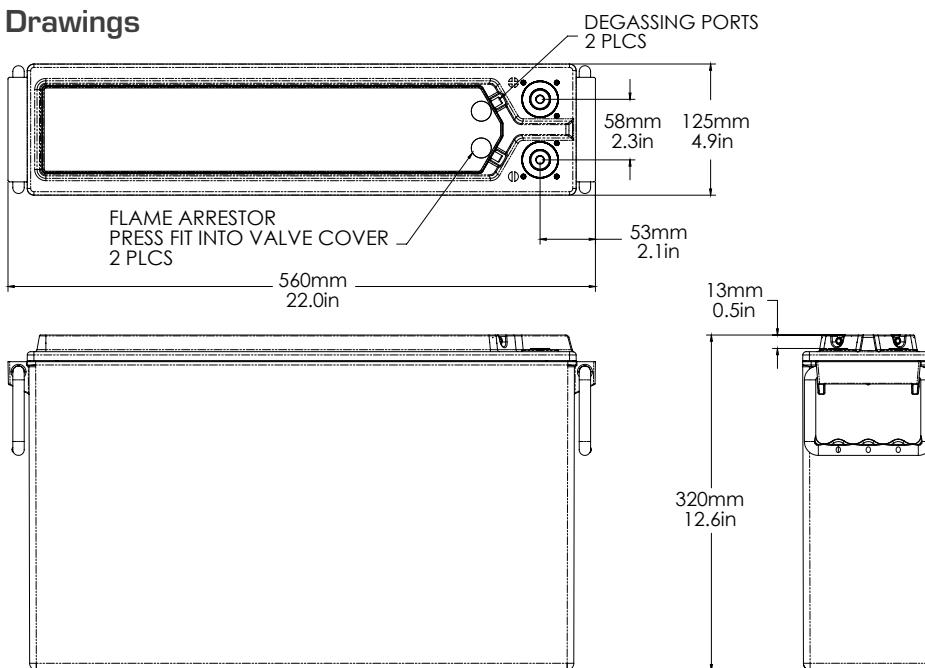
Electrical

10 hour capacity to 1.80 VPC @ 25°C (77°F)	141 Ah
8 hour capacity to 1.75 VPC @ 25°C (77°F)	140 Ah
10 hour capacity to 1.80 VPC @ 20°C (68°F)	139 Ah
Float Voltage	2.27 +/- 0.02 VPC @ 25°C (77°F)
Nominal Voltage	12 V
Impedance (1kHz)	2.3 mΩ @ 25°C (77°F)
Conductance	2,201 S
Short Circuit Current	6,000 A
Maximum Charge Current	no limit

Dimensions

Height	320 mm (12.6 in)	Weight	58 kg (128 lbs)
Width	125 mm (4.9 in)	Terminal	Female M8 x 1.25
Depth	560 mm (22.0 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.

NorthStar Americas

NorthStar Battery Company LLC
4000 Continental Way
Springfield, MO, 65803,
United States of America
info@northstarbattery.com
Tel: +1 417 575 8200
Fax: +1 417 575 8250

Netsphere in Thailand

919/431, 36/F, Jewelry Trade Center
Silom Road, Silom Bangrak,
Bangkok 10500 Thailand
sales@netsphere.co.th
Tel: +66 2 630 3368
Fax: +66 2 630 3367

Netsphere in Hongkong

Rm 1203, 12/F, Kwong Sang Hong Centre
No.151-153 Hoi Bun Road
Kwun Tong, Hong Kong
sales@netsphere.com.hk
Tel: +852 2344 3728
Fax: +852 2344 3778

www.netsphere.com.hk

