NSB 12-170RT

Pure Lead - High Rate

99.9% PURE LEAD

15 YRS FLOAT LIFE

PROUDLY MADE IN THE USA

The NSB UPS Battery® delivers superior performance at high discharge rates down to <15 mins.

- Performance excels at high rates of discharge and recharge
- Pure lead electrochemistry greatly increases temp and corrosion resistance while reducing component aging
- Thin plates deliver large surface area high power density and low resistance
- Design life 15+ years at 20°C (68°F)
- EUROBAT design life definition: Very Long Life (12+ years)
- 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%
- High energy density
- 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)

Release date: 2019-05-01

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Nominal Technical Specifications

Electrical

Terminal	Female M6 x 1.0	Terminal torque	8.0 Nm (71 in-lbs)
4C (15min) power to 1.67 VPC	164 Watts/Cell	Float voltage	2.28 VPC
Shelf life	up to 24 months	Conductance	1005 S
Impedance (1Khz)	4.1 mΩ @ 25°C (77°F)	Short circuit current	1500 A
Operation temperature range	-40°C to +65°C	Nominal voltage	12 V
Silver equilvalent	NSB 12-150FT	Capacity	W/cell (15 min)

Dimensions

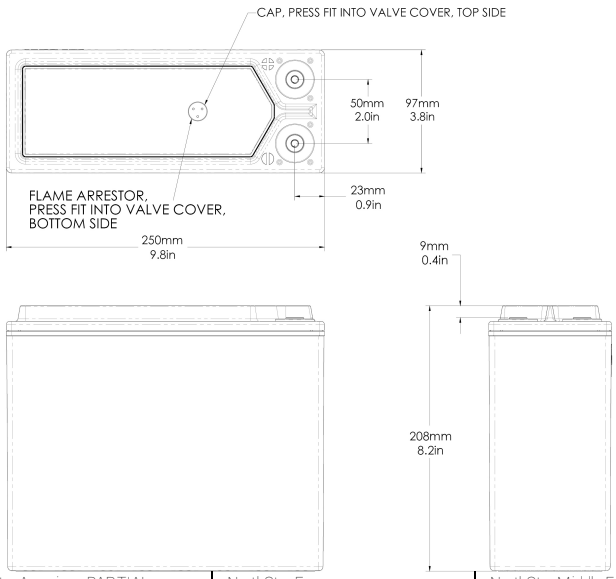
Height	208 mm	Width	97 mm
Length	250 mm	Weight	15 kg

Constant Power Discharge Ratings (WPC @ 25°C/77°F)

Duration (minutes) (watts/cell @ 25°C/77°F)

End of discharge (Volts)	2 min	5 min	10 min	15 min	20 min	30 min	45 min	60 min	120 min
1.75	465	309	207	158	129	95	69	55	30
1.70	501	324	213	162	131	97	70	55	30
1.67	520	332	217	164	133	97	70	55	30
1.65	531	337	219	165	134	98	70	55	30
1.60	556	346	223	167	135	99	71	56	31

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.

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