

NSB 12-570 *UPS Battery*

Designed for **mission critical applications**

A premium replacement for the 12-540



NorthStar's Pure Lead UPS batteries, ideal for use with datacenters and applications where **downtime is not an option.**

- Performance excels at high rates of discharge and recharge
- 15 year float life at 20°C (68°F)
- EUROBAT design life definition: Long Life (12+ years)
- 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 - female M6 brass terminals provide maximum performance
- 2 year shelf life at 25°C (77°F)
- 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
 - Flame retardant (UL 94 V0) and LOI of at least 28%
- Pure lead, advanced valve regulated AGM batteries ensure power when it is needed most.
- Approved as non-hazardous cargo for ground, sea, and air transport - DOT 49CFR173.159(d), (i) and (ii)



NSB 12-570 UPS Battery

Nominal Technical Specifications



Electrical

	International Standard 20°C (68°F)	North American Standard 25°C (77°F)
4C (15 min.) Power to 1.67 VPC	534 Watts/cell	570 Watts/cell
Float Voltage	2.29 +/- 0.02 VPC	2.27 +/- 0.02 VPC
Nominal Voltage	12 V	
Impedance (1kHz)	2.7 mΩ @ 25°C (77°F)	
Conductance	1,952 S	
Short Circuit Current	3,600 A	
Shelf Life	2 Years	

Dimensions

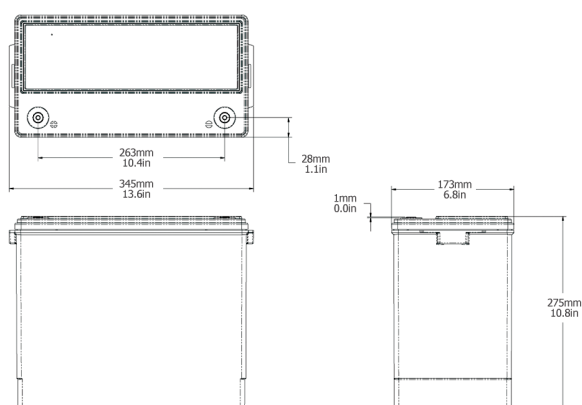
Height	275 mm (10.8 in)	Weight	44 kg (97 lbs)
Width	173 mm (6.8 in)	Terminal	Female M6 x 1.0 Leak Proof
Depth	345 mm (13.6 in)	Terminal Torque	8.0 Nm (71 in-lbs)

Ah Capacity Ratings @ 25°C (77°F)

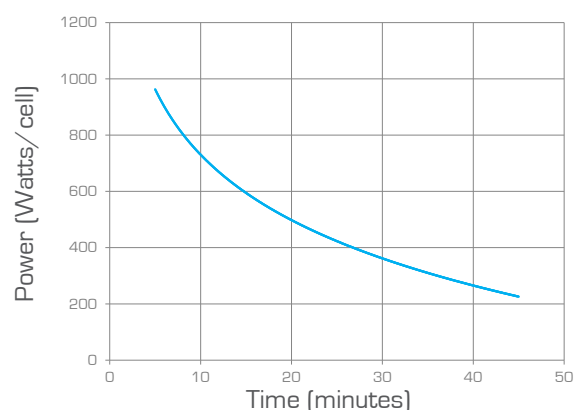
Duration (minutes) (watts/cell @ 25°C/77°F)

End of Discharge (Volts)	2	5	10	15	20	30	45	60	120
1.75	1087	900	672	539	451	343	254	202	113
1.70	1193	960	704	560	466	352	259	206	114
1.67	1252	992	721	570	474	356	261	207	114
1.65	1289	1011	730	576	478	359	263	208	115
1.60	1369	1050	750	588	486	363	265	210	115

Drawings



Discharge Curve to 1.67 VPC



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