

# 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)

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# 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

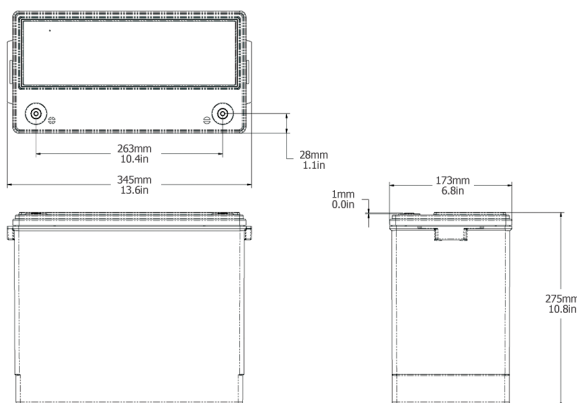
Height	275 mm (10.8 in)	Weight	44 kg (97 lbs)
Width	173 mm (6.8 in)	Terminal	Female M6 x 1.0 Leak Proof
Depth	345 mm (13.6 in)	Terminal Torque	8.0 Nm (71 in-lbs)

### Ah Capacity Ratings @ 25°C (77°F)

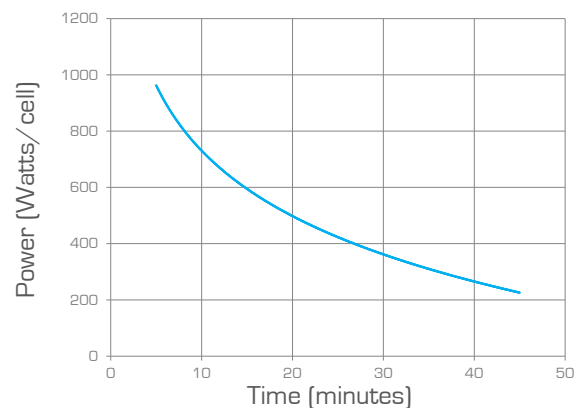
Duration (minutes) (watts/cell @ 25°C/77°F)

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



#### NorthStar Americas

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

#### NorthStar Europe

SiteTel Sweden AB  
Staffans Väg 6-8  
SE-192 07 Sollentuna,  
Stockholm, Sweden  
europe@northstarbattery.com  
Tel: +46 8 410 102 00  
Fax: +46 8 638 06 00

#### NorthStar Middle East, Africa

SiteTel Sweden AB JTL Branch  
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.  
Level 20, Menara Standard Chartered  
30 Jalan Sultan Ismail, 50250  
Kuala Lumpur, Malaysia  
asia@northstarsitetel.com  
Tel: +60 3 2117 5354