

# Product Data Sheet

## NSB 12-330FT



Specifically designed  
and engineered for  
mission critical  
applications

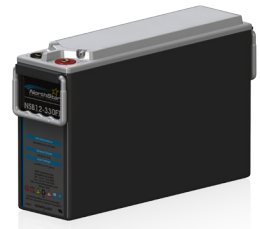


- Performance excels at high rates of discharge and recharge
- Advanced automation in manufacturing processes ensure consistency and reliability
- Advanced AGM materials significantly enhance performance and reliability
- Exceptional performance under deep or shallow cyclic discharge applications
- Operational within an extreme temperature range
- Advanced 3 stage terminal design to ensure leak free operation
  - Female M8 brass terminals provide maximum performance
- Thermally sealed PPO plastic casing and cover
  - Flame retardant (UL 94 VO) and LOI of at least 28%
  - Designed to withstand extreme degrees of temperature and pressure
- Approved as non-hazardous cargo for ground, sea and air transport
  - DOT 49CFR173.159(d), (i) and (ii)



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### Technical Specifications

	International Standards 20°C (68°F)	NA Standards 77°F (25°C)
4C (15 min.) Power to 1.67 VPC	354 Watts/cell	377 Watts/cell
Float Voltage	2.29 +/- 0.02 Volts/Cell	2.27 +/- 0.02 Volts/Cell
Impedance (1kHz)	3.6 mΩ @ 25 °C (77 °F)	
Conductance	1447 S	
Nominal Voltage	12 V	
Short Circuit Current	3,100 A	
Shelf Life	2 years	

### Measurements

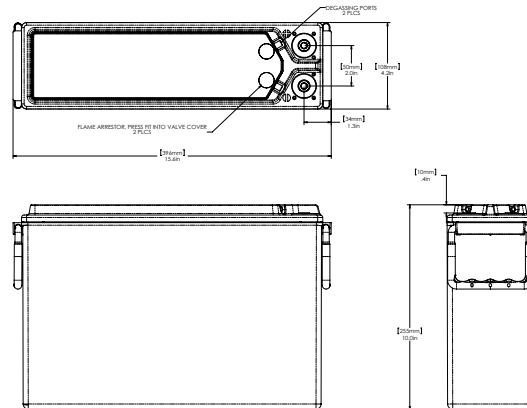
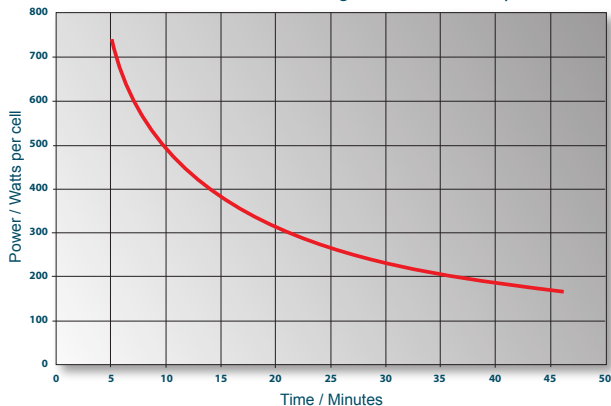
Height	255 mm (10.0 in)	258 mm (10.2 in) (w/Front Terminal Adapter*)
Width	108 mm (4.2 in)	
Depth	396 mm (15.6 in)	415 mm (16.4 in) (w/Front Terminal Adapter*)
Weight	31 kg (67 lbs)	
Terminal Torque	8.0 Nm (71 in-lbs)	
Terminal	Female M8 Leak Proof	Male M8 (w/Front Terminal Adapter*)

\*For more information please contact NorthStar Battery Customer Service

### Constant Power Discharge Ratings Duration (minutes) (Watts/cell at 25°C/77F)

End of discharge (Volts)	2	5	10	15	20	30	45	60	120
1.75	984	672	461	358	295	222	164	131	74
1.70	1062	711	481	371	304	227	167	133	75
1.67	1104	732	491	377	309	230	168	134	75
1.65	1130	744	497	381	312	231	169	134	75
1.60	1185	769	509	388	317	234	171	135	76

NSB12-330FT Discharge Curve to 1.67 vpc



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### All NorthStar products 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 & ISO 14001