

SPECIALTY ENGINE-STARTING



ALL NORTHSTAR PRODUCTS ARE COMPLIANT WITH:

- ✦ DOT 49CFR173.159(d)
 - (i) and (ii)
- ✦ UL Approval

Northstar Battery Company is proud to be registered to ISO-9001:2000 and ISO-14001 standards.

NSB+G-3100

KEY FEATURES

- Advanced AGM construction - no water levels to fill or corrosion to clean.
- Proprietary plate construction delivers maximum cranking amps.
- Flexible design - can be installed in any orientation except inverted.
- High cyclic life capability +500 C/3 @ 80% DOD.
- Low internal resistance - provides for very high discharge and recharge rates.
- Flame retardant (UL 94 VO) PC-ABS plastic case and cover.
- 3 step terminal seal design to ensure leak-free operation.
- Integral handles ensure ease of handling.
- Approved as non-hazardous cargo for ground, sea and air transportation.

ELECTRICAL CHARACTERISTICS

Refer to the NSB detailed performance tables for additional current, capacity and power information.

BCI Group Number □	31						
Cold Cranking Amps @ 0°F □	1020 amps						
Cranking Amps @ 32°F □	1350 amps						
Reserve Capacity - minutes □	200 minutes						
Shelf life □	2 years						
Short Circuit Current □	3,200 amps						
Voltage □	12 volts □						
Ampere Hour Capacity to 1.75 vpc @ 77°F (25°C) □	<i>2Hr.</i>	<i>8 Hr.</i>	<i>5 Hr.</i>	<i>3 Hr.</i>	<i>1 Hr.</i>		
	72.6	67.7	65.2	62.3	54.3		
Discharge Amps per 12v battery to 1.75 vpc @ 77°F (25°C) □	<i>5 mins</i>	<i>10 mins</i>	<i>15 mins</i>	<i>20 mins</i>	<i>30 mins</i>	<i>60 mins</i>	<i>120 mins</i>
	329.7	213.5	161.0	130.4	95.5	54.3	29.8 □

MECHANICAL CHARACTERISTICS

	<i>SI Units</i> □	<i>English Units</i>
Height □	213.1mm □	8.39 inches □
Width □	173 mm □	6.80 inches
Length □	340.8 mm □	13.42 inches
Weight □	27.9 kilograms □	61.3 pounds
Terminal Torque □	8.0 Newton-meters □	71 inch-pounds