

NOTHING IS MORE RELIABLE

## NSB M12-420 PACK

### 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.
- Up to 25% less weight and 40% space savings.
- Remote venting for enclosed cabinet applications.
- Integral handles ensure ease of handling.
- Approved as non-hazardous cargo for ground, sea and air transportation.

### HD MARINE



#### ALL NORTHSTAR PRODUCTS ARE COMPLIANT WITH:

- DOT 49CFR173.159(d) (i) and (ii)
- UL Approval
- ISO 9000/14000

### ELECTRICAL CHARACTERISTICS

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

	Replacement for 8D			Traditional 8D		
<b>BCI Group Number</b>	Replacement for 8D			8D		
<b>Cold Cranking Amps @ 0°F</b>	3660			1350		
<b>Cranking Amps @ 32°F</b>	4700			1675		
<b>Reserve Capacity - minutes</b>	935			475		
<b>Shelf life</b>	2 years			6 months		
<b>Short Circuit Current</b>	10,000 amps					
<b>Voltage</b>	12 volts (or 24V)			12 volts		
<b>Ampere Hour Capacity to 1.75 vpc @ 77°F (25°C)</b>	20 Hr.	8 Hr.	1 Hr.	20 Hr.		
	420.0	340.0	240.0	255		
<b>Minutes of Discharge to 1.75 vpc @ 77°F (25°C)</b>	25 amps	15 amps	8 amps	25 amps	15 amps	8 amps
	935.0	1,600.0	3,100.0	475.0	825.0	1,670.0

### MECHANICAL CHARACTERISTICS

	Metric Units	English Units	Metric Units	English Units
<b>Height</b>	328 mm	12.9 inches	264 mm	10.2 inches
<b>Width</b>	278 mm	10.9 inches	278 mm	10.9 inches
<b>Length</b>	578 mm	22.7 inches	528 mm	20.8 inches
<b>Weight</b>	123.6 kilograms	272 pounds	73.4 kilograms	162 pounds
<b>Terminal Torque</b>	8.0 Newton-meters	71 inch-pounds		