

NSB Automotive Batteries

The power to exceed



NorthStar automotive batteries excel at providing both high reserve capacity and cranking amps, perfect for performance and start-stop technology applications.

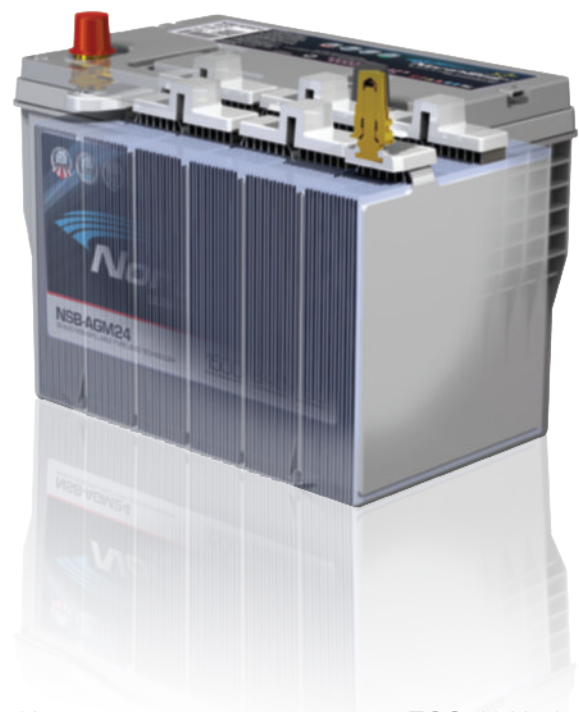


NorthStar transportation batteries are the pinnacle of battery technology for your car or truck. Backed by up to a 4 year full manufacturer's warranty, NorthStar pure lead AGM batteries are built to provide years of worry-free and maintenance-free operation.

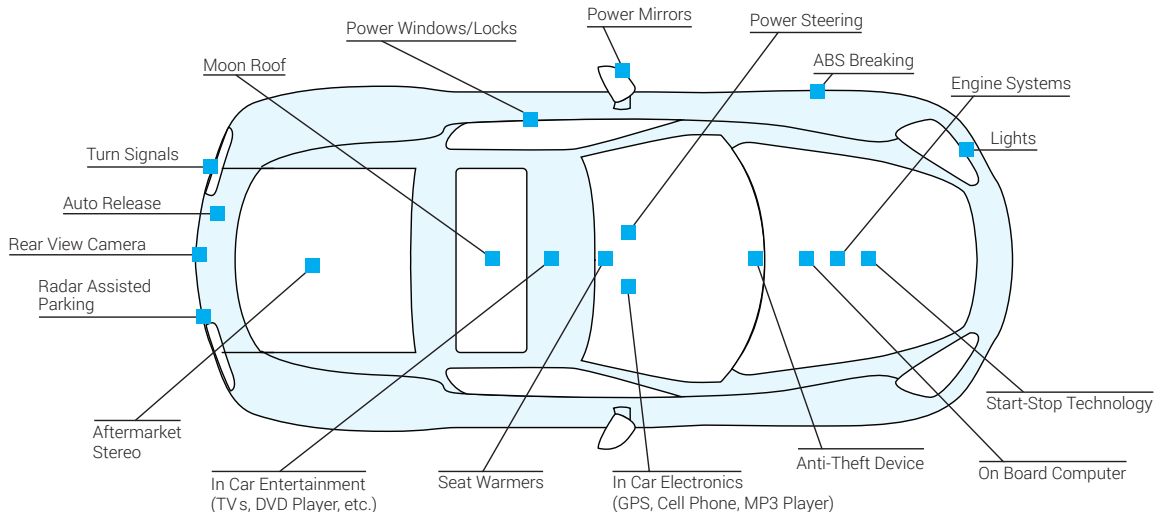
- Pure lead AGM technology delivers exceptional CCA ratings and reserve capacity cycling ability
- Quick starting every time
- Cycles over 900 times to 50% depth of discharge
- Faster recharge than conventional batteries
- Proudly made in the USA at our state-of-the-art battery plant
- OEM fit is ensured - built to exact BCI standards
- Housed in advanced plastics for durability, performance and heat resistance
- Advanced AGM construction means no water levels to check or terminals to clean
- Approved as non-hazardous cargo for ground, sea, and air transport
- DOT 49CFR173.159(d), (i) and (ii)

What makes NorthStar automotive batteries so unique?

- More active material, and increased compression allow NSB to contain almost 40% more plate surface area that directly relates to capacity.
- Highly conductive connections including cast on straps, inter-cell connectors and brass terminals ensure maximum power.
- High cranking amps and high reserve capacity all in one, the best of both worlds.
- Unmatched cycling capabilities ideal for start-stop technologies and maintaining battery life.
- No additives - 99.9% pure lead electrochemistry greatly increases temperature and corrosion resistance, while reducing component aging
- Utilizing unique mechanical and chemical characteristics that allows for more than 99% recombination efficiency.
- NSB products have an extremely high recharge efficiency, even following a deep discharge.



Modern vehicles demand more than ever before



Technical data

Part Number	Height w/ Terminal (in)	Width (in)	Length w/ Rib (in)	Weight (lbs)	Terminal Illustration	Terminal Configuration	Pulse Cranking Amps (A)	CA/MCA Rating @ 32F (A)	CCA Rating @ 0F (A)	Reserve Capacity (min)	Capacity 20 hr 1.75VPC @ 25C	Internal Resistance (mΩ)	Short Circuit Current (A)
Automotive / First Responder													
4 YEAR FULL MANUFACTURERS WARRANTY													
NSB-AGM24	8.86	6.77	10.87	57		SAE	1500	1010	840	160	76	3	3100
NSB-AGM24F	8.86	6.77	10.87	57		SAE	1500	1010	840	160	76	3	3100
NSB-AGM27	8.86	6.77	12.44	68		SAE	1750	1080	930	195	92	2.6	5000
NSB-AGM27F	8.86	6.77	12.44	68		SAE	1750	1080	930	195	92	2.6	5000
NSB-AGM31	9.75	6.77	12.91	75		Threaded	2150	1370	1150	220	103	2.2	5000
NSB-AGM31A	9.75	6.77	12.91	75		SAE	2150	1370	1150	220	103	2.2	5000
NSB-AGM34	7.87	6.75	10.87	51		SAE	1500	1050	880	133	65	3.6	3100
NSB-AGM34/78	7.87	7.10	10.87	51		SAE	1500	1050	880	133	65	3.6	3100
NSB-AGM35	8.54	6.76	9.45	49		SAE	1400	880	740	115	60	3.8	3100
NSB-AGM48	7.42	6.87	10.91	49		SAE	1450	910	775	135	67	3.7	3000
NSB-AGM65	7.52	7.32	11.76	55		SAE	1750	1080	930	135	69	3.3	3300
NSB-AGM78	7.12	7.10	10.87	51		SAE	1500	1050	880	133	65	3.6	3100
NSB-AGM94R	7.42	6.87	12.37	57		SAE	1650	1010	840	158	76	3.2	3000
Heavy Duty / Specialty													
2* / 3 YEAR FULL MANUFACTURERS WARRANTY													
SMS-AGM 8DK	9.41	11.0	20.5	187		SAE	3125	2700	2250	500	228	1.5	7500
SMS-AGM 8DK-S	9.57	11.0	20.5	187		Threaded	3125	2700	2250	500	228	1.5	7500
SMS-AGM 8DK-DT	9.41	11.1	21.22	187		SAE/Drop Terminal	3125	2700	2250	500	228	1.5	7500
SMS-AGM 24K	8.86	6.57	10.87	57		Oversize Threaded	1500	1010	840	160	76	3	3100
SMS-AGM 80 *	8.2	3.81	9.8	31		Bolt In	820	580	400	77	40	7.2	1500
SMS-AGM 220 *	11.3	4.24	15.6	74		Bolt In	1620	1160	830	230	105	2.6	3500
SMS-AGM 400 *	12.6	4.92	22.05	132		Bolt In	2260	1615	1260	396	182	2.1	6000
SMS-AGM 480 *	12.9	4.96	22.05	152		Bolt In	2400	1740	1420	477	217	2.6	6000

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All NorthStar batteries are compliant with Battery Council
International standards, UL approved and UN2800 certified.
NorthStar is registered to ISO 9001 and ISO 14001.