



Liquid Cooled Alternators

Premium technology for prestige vehicles



BOSCH
Invented for life



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The expertise of Bosch

Bosch has unparalleled expertise in automotive electrical systems. Since creating its first electrical system over 80 years ago, Bosch has been at the cutting edge of automotive electrical technology. Some major developments include:

- 1913** First electrical system comprising of headlights, a generator and regulator
- 1921** First combined dynamo and magneto ignition
- 1926** Combined dynamo and battery ignition unit
- 1933** Combined starter and generator
- 1959** Alternators for buses and coaches
- 1962** Alternators for cars
- 1971** Transistor regulators developed for installation in alternators
- 1989** Compact alternators, internal fans higher output
- 1992** Start of liquid-cooled alternator technology, developed for emergency vehicles
- 1998** Liquid-cooled LIF generator for cars

Bosch is still the world's largest manufacturer of alternators and continues to develop new technologies to suit the changing demands of modern vehicles.

Bosch Liquid Cooled Alternators

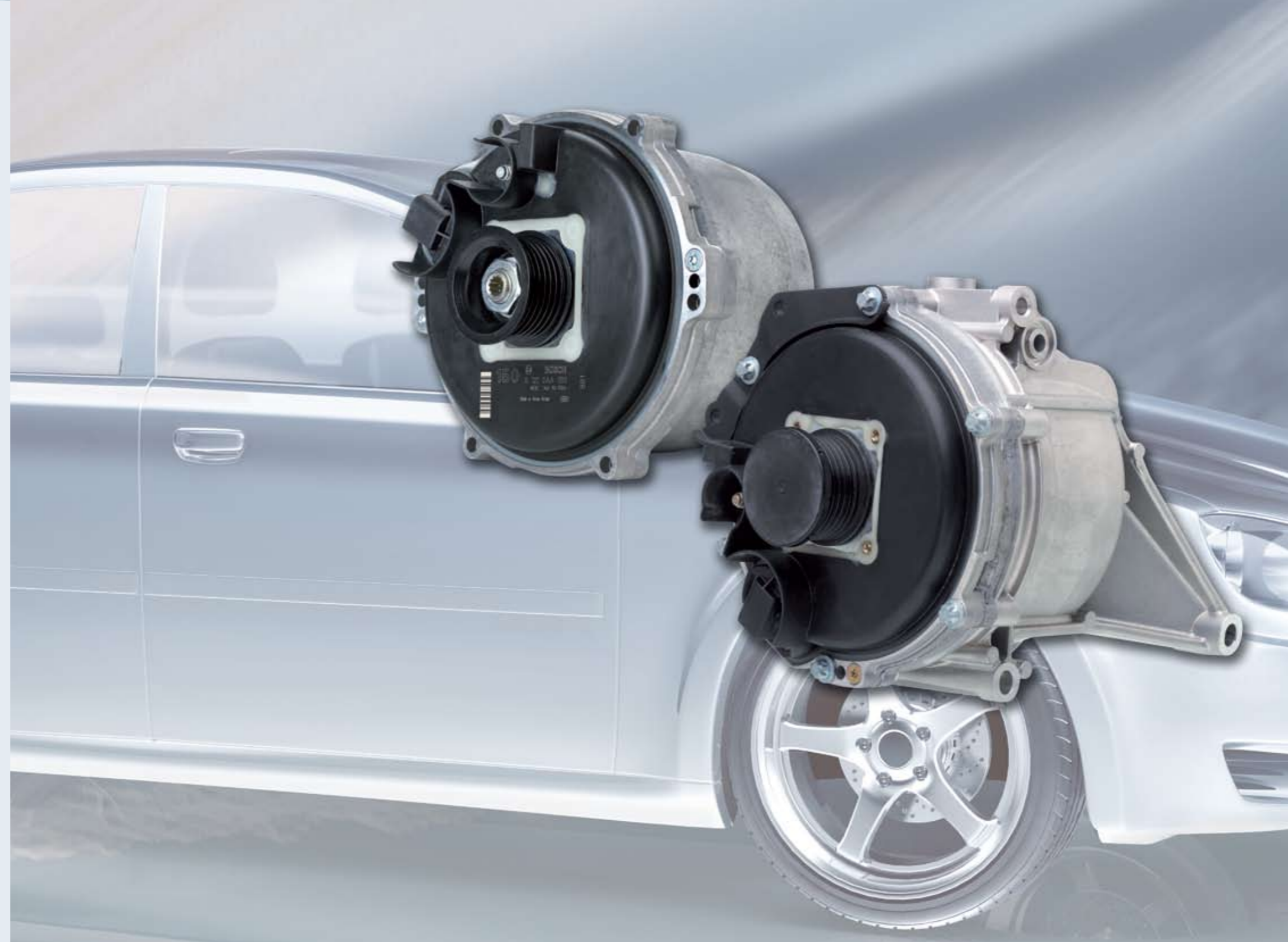
Modern prestige vehicles include a high number of electrical components which place enormous strain on the alternator. Bosch liquid cooled alternators are designed specifically to handle the high electrical loads of these vehicles.

Liquid cooled alternators use coolant from the engine's cooling system which passes through a water jacket in the alternator casing, keeping the body and its sensitive electronics operating at a stable heat range. By using liquid rather than a fan, these alternators also offer the advantages of whisper quiet operation and reduced load on the engine.

Stockist Details

For further information please contact your leading automotive distributor or call the Bosch Customer Service Line in Australia **1300 30 70 40** or New Zealand **0800 452 896** www.bosch.com.au

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Bosch Liquid Cooled Alternators Quiet Operation

Bosch Liquid Cooled Alternators Premium technology



01220AA2B0 (14V/150A) O.E. Fitment

BMW

735i E65 200 kW	11.2001-10.2003	N62 B36A 3.6L. 8 Cyl.
735Li E66 200 kW	03.2002-10.2003	N62 B36A 3.6L. 8 Cyl.
745i E65 245 kW	11.2001-10.2003	N62 B44A 4.4L. 8 Cyl.
745Li E66 245 kW	03.2002-10.2003	N62 B44A 4.4L. 8 Cyl.

01220AA1H0 (14V/150A) O.E. Fitment

BMW

750i, iL E38 240 kW	10.1998-12.2001	5.4L. 12 Cyl.
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01220AA0D0 (14V/150A) O.E. Fitment

MERCEDES BENZ

CL 600 Coupe W215 270 kW	09.1999-08.2002	M 137.970 5.8L. 12 Cyl.
S 600 W220 270kW	08.1999-08.2002	M 137.970 5.8L. 12 Cyl.
S 600 W220 270kW	08.1999-08.2005	M 137.970 5.8L. 12 Cyl.

01220AA1D0 (14V/180A) O.E. Fitment

MERCEDES BENZ

CL 65 AMG Coupe W215 450 kW	09.2003-08.2006	M 275.980 6.0L. 12 Cyl.
CL 600 Coupe W215 368 kW	09.2002-08.2006	M 275.950 5.5L. 12 Cyl.
S 65 AMG R220 450 kW	02.2004-08.2005	M 275.980 6.0L. 12 Cyl.
S 600 [W220] 368 kW	09.2002-08.2005	M 275.950 5.5L. 12 Cyl.



01220AA1J0 (14V/150A) O.E. Fitment

BMW

X5 4.4i E53 210 kW	03.1999-09.2003	4.4L. 8 Cyl.
X5 4.6iS E53 255 kW	02.2002-09.2003	4.6L. 8 Cyl.
535i E39 173-180 kW	10.1998-07.2003	3.5L. 8 Cyl.
540i E39 210 kW	10.1998-07.2003	4.4L. 8 Cyl.
540i Touring E39 210 kW	10.1998-05.2004	4.4L. 8 Cyl.
735i, iL E38 173-175 kW	10.1998-12.2001	3.4L. 8 Cyl.
740d E38 180 kW	10.1998-12.2001	3.9L. 8 Cyl.
740i, iL E38 210 kW	10.1998-12.2001	4.4L. 8 Cyl.

LAND ROVER GROUP

Range Rover III 4.4 V8 210 kW	03.2002-07.2005	M62B44 V8 4.4L. 8 Cyl.
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01220AA160 (14V/180A) O.E. Fitment

BMW

735i E65 200 kW	11.2001-10.2003	N62 B36A 3.6L. 8 Cyl.
735Li E66 200 kW	03.2002-10.2003	N62 B36A 3.6L. 8 Cyl.
745i E65 245 kW	11.2001-10.2003	N62 B44A 4.4L. 8 Cyl.
745Li E66 245 kW	03.2002-10.2003	N62 B44A 4.4L. 8 Cyl.
760i E65 327 kW	12.2002-10.2008	N73 B60 6.0L. 12 Cyl.
760Li E66 327 kW	12.2002-10.2008	N73 B60 6.0L. 12 Cyl.

ROLLS ROYCE

Coupe 6.8 338 kW	09.2008-	N73 B68 6.8L. 12 Cyl.
Drophead 6.8 338 kW	06.2007-	N73 B68 6.8L. 12 Cyl.
Phantom 6.8 338 kW	03.2003-	N73 B68 6.8L. 12 Cyl.

01220AA0R0 (14V/150A) O.E. Fitment

MERCEDES BENZ

ML 270 CDI W163 120 kW	11.1999-06.2005	OM 612.963 2.7L. 5 Cyl.
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01220AA2C0 (14V/180A) O.E. Fitment

MERCEDES BENZ

SL 65 AMG R230 450 kW	09.2004-	M 275.981 6.0L. 12 Cyl.
SL 600 R230 368 kW	03.2003-12.2005	M 275.951 5.5L. 12 Cyl.
SL 600 R230 380 kW	01.2006-	M 275.954 5.5L. 12 Cyl.