



BOSCH

Invented for life

Bosch AGM Batteries

The Innovator in Start-Stop Technology

Why Should You Choose Bosch AGM Technology?



► **Technology**

- 3 times greater cyclic endurance, compared to standard flooded batteries
- High charging acceptance

► **Safety**

- 100% sealed and leak-proof
- High cranking performance

► **Eco Innovation**

- Supports start stop system designed to reduce fuel consumption



*24 Months (Stop/Start) & 36 Months (Normal Use)

Benefits at a Glance



Extra Long Service Life

Special Lid Structure

- Double lid with labyrinth construction prevents water loss

Wide Cast on Strap

- High vibration resistance minimizes shedding of active material

Polypropylene Case

- Made of highly durable material that can withstand greater internal pressure



Assured Safety

- 100% leakage proof with AGM technology
- Eliminates emission of gases due to the recombinant nature
- Safety valves relieve excess pressure



Absorbent Glass Mat

- Electrolyte absorbed by micro-porous glass separators eliminates acid spills and terminal corrosion
- Optimized component compression minimizes loss of active material
- Maximizes charge reaction due to evenly distributed electrolyte



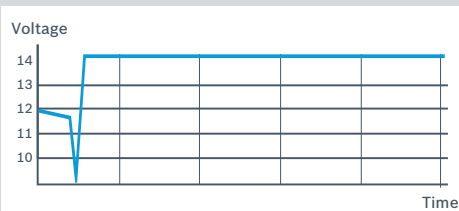
Centralized Grid Lug / Fine Mesh Grid

- Higher charging and discharging performance
- Designed for maximum current flow and high charge efficiency
- Made of Tin-Calcium material with high corrosion resistance
- Low internal resistance translates into higher power output

Load Diagram

Battery in conventional vehicle

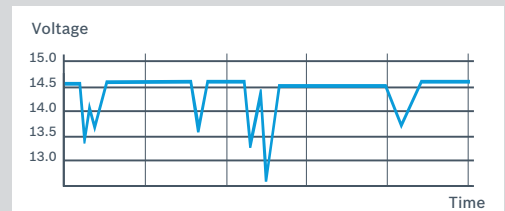
The battery requirements from charge / discharge cycles are in the "normal" range.



Characteristic: A start operation followed by recharging

Battery in start-stop vehicle

Start-stop system dramatically alters the load profile. It demands a battery which can withstand high cyclic frequency, ensuring a reliable power supply.



Characteristic: Large number of start operations, resulting in higher load on the battery

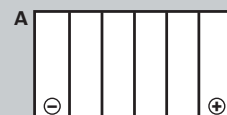
Technical Specifications

Short Code Part Number	20Ah Rate	RC	CCA	Length (mm)	Width (mm)	Total Height (mm)	Terminal	Polarity (refer battery layout)	Base Hold Down
LN2	60	100	680	241	174	189	STD	A	B3
LN3	70	120	760	275	174	189	STD	A	B3
LN4	80	140	800	315	174	189	STD	A	B3
LN5	92	160	850	352	174	189	STD	A	B3
LN6	105	190	950	393	174	189	STD	A	B3

Base Hold Down:

B3 4 bottom hold-downs 10.5mm high on all four sides

Battery Layout



Covers 28 European vehicle brands including Mercedes-Benz, BMW, VW (Volkswagen), Audi, Skoda, Jaguar & Land Rover Group

Parts, Diagnostics and Workshop Services

KTS range from Bosch: The right scan tool for every workshop: Most start-stop and many new vehicles require a scan tool to replace the battery. The Bosch KTS range is a compact scan tool which can be used to diagnose and used to support battery maintenance as well as undertake other complex diagnostic trouble shooting.

To find out more call Bosch Automotive Service Solutions on **1300 783 031**

Electronic Battery Management Training: This training course will give the technician a detailed insight into vehicle electrical and charging system fundamentals, power management strategies and battery sensing systems, modern battery design and replacement, practical on-vehicle testing and diagnosis procedures and more!

To find out more call Bosch Automotive Training on **03 9541 5553**



*Product images are for illustration purposes only. Actual image may vary in appearance.

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