

N55B24R Product Data Sheet

Issue Date: 01/11/2026 · Issued By: Aurion Batteries



CALCIUM MAINTENANCE-FREE · 12V AUTOMOTIVE

Technical Information

The Aurion N55B24R is a 12V Aurion calcium maintenance-free (CMF) starting battery. Calcium alloy grids reduce water loss and gassing compared with conventional antimony grids, so the battery is designed to need no topping up in normal service, with low self-discharge while in storage.



Generic image — more images to come

H x W x L	236	128	200
	LENGTH MM	WIDTH MM	HEIGHT MM

Features and Benefits

- Maintenance-free calcium technology
- Calcium alloy grids reduce water loss and gassing
- Low self-discharge in storage compared with antimony grids
- Designed for no topping up in normal service
- 440 cold cranking amps

Common manufacturers that use this battery

Suzuki

Nissan

Honda

Mitsubishi

Subaru

8 vehicle listings in the Aurion fitment guide.

How calcium technology works

In a calcium battery, calcium is alloyed into the lead grids in place of antimony. This raises the voltage at which gassing begins, so far less water is lost from the electrolyte over the battery's life. The result is a battery designed to be maintenance-free, with lower self-discharge that helps it hold charge when a vehicle sits for longer periods.

Technical Specifications

Technology	Calcium Maintenance-Free (CMF)	Voltage	12 V
Cold Cranking Amps	440 CCA	Capacity (20hr rate)	45 Ah
Reserve Capacity	75 min	Overall Dimensions	236 × 128 × 200 mm (L×W×H)
Weight	11.5 kg	Maintenance	Maintenance-free (calcium technology)
Terminal Layout	Positive left (viewed from front)		



Product page

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Specifications are subject to change without notice. Always confirm fitment against your vehicle's original battery. Rev A · 01/11/2026