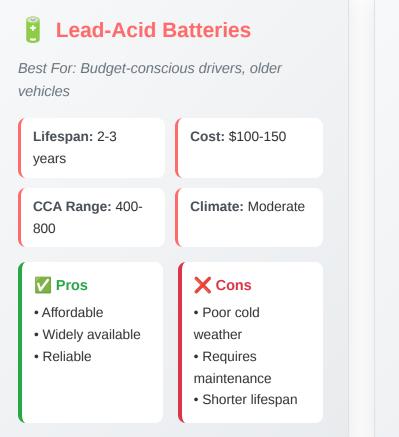
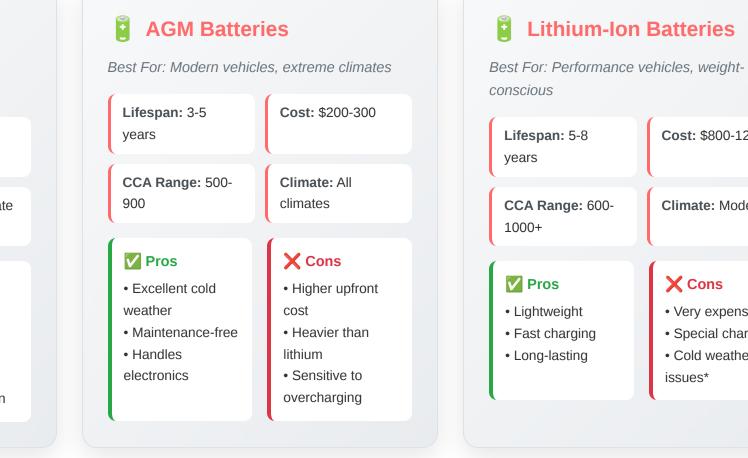
Car Battery Types

Your Complete Quick Reference Guide

Battery Type Comparison





Cost: \$800-1200

Climate: Moderate*

X Cons

issues*

• Very expensive

• Special charging

Cold weather

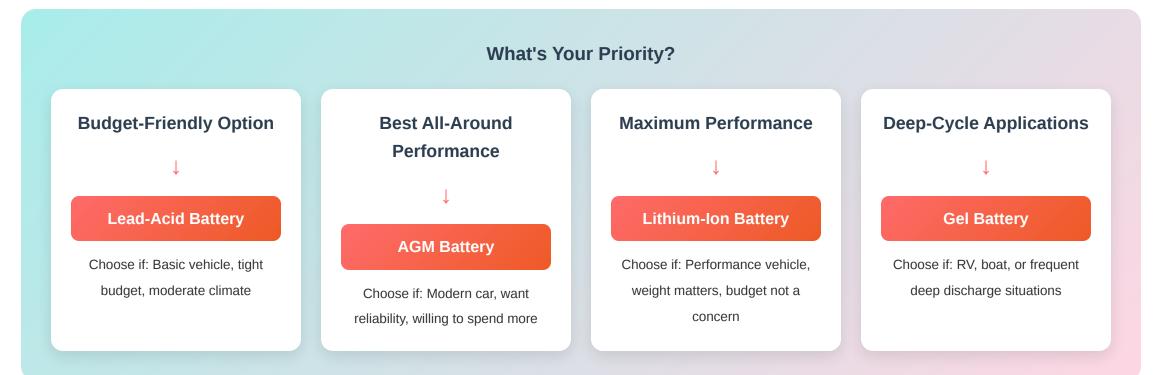
Gel Batteries

Best For: Deep-cycle applications, marine/RV

Lifespan: 4-6 years	Cost: \$300-400		
CCA Range: 300-700	Climate: All climates		
Pros	X Cons		
ProsDeep discharge	Cons Slow charging 		
-			
• Deep discharge	• Slow charging		
• Deep discharge resistant	Slow chargingOvercharge		

l

Quick Decision Tree



Maintenance Checklist

Monthly Checks	
Visual inspection for cracks/leaks	Look for corrosion buildup
Check terminal connections	Test voltage (12.6V when off)
Seasonal Maintenance	
Clean terminals with baking soda	Check mounting hardware
Apply terminal protectant spray	Test battery under load

Cost Analysis Calculator

Calculate Your True Battery Cost

Lead-Acid	AGM	Lithium-Ion	Gel
Initial Cost (\$)	Initial Cost (\$)	Initial Cost (\$)	Initial Cost (\$)
Expected Life: 2.5 years Cost/Year: \$0	Expected Life: 4 years Cost/Year: \$0	Expected Life: 6.5 years Cost/Year: \$0	Expected Life: 5 years Cost/Year: \$0

Warning Signs

- 1 Time to Replace Your Battery When You Notice:
- Slow engine cranking
- Dim headlights when idling
- Dashboard warning lights
- Battery age over 3 years
- Frequent jump-starts needed
- Swollen battery case

Troubleshooting Guide

🔧 Car Won't Start

Check:

- Battery voltage (should be 12.6V)
- Terminal connections
- Corrosion on terminals
- Age of battery

🔧 Dim Lights

Check:

- Alternator output
- Battery load test
- Electrical connections
- Parasitic draw

🔧 Frequent Jump-Starts

Check:

- Battery capacity
- Charging system
- Parasitic drain
- Driving habits

$\ensuremath{\mathbb{C}}$ 2025 Car Battery Guide - Keep this reference handy in your vehicle!

Print this guide and keep it in your glove compartment for easy reference