



When to use a Dual Battery System

A dual battery system (DBS) is recommended when needing to run powerful accessories, such as an inverter, fridge or a tail gate loader on a truck, while the vehicle's engine is turned off.

A DBS allows accessories to run from an auxiliary battery that is independent of the starting battery, but is charged while the engine is running. A DBS ensures there is always enough power in the starting battery to start the vehicle.

The auxiliary battery can be a different size and type to the main battery.




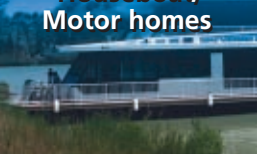
Selecting the right dual battery system

Each DBS has its own unique features:

SOLENOID ISOLATOR	ELECTRONIC ISOLATOR	DIODE ISOLATOR
<ul style="list-style-type: none"> ● 12V only ● Suits all vehicle types ● Connects both batteries when the ignition is turned on ● Cost effective 	<ul style="list-style-type: none"> ● 12V only ● Suits all vehicle types ● Priority charges starting battery before connecting auxiliary battery ● Manual override for an emergency jumpstart 	<ul style="list-style-type: none"> ● 12V or 24V ● Suits vehicles with an externally sensed alternator ● Independently charges each battery as soon as the engine starts ● Complete isolation between starting and auxiliary battery



This guide will help you select the most suitable dual battery system for your vehicle:

	4WD Auxiliary battery, Fridge batteries, Power packs 	HEAVY VEHICLES Tailgate loaders, Cranes, Tow trucks 	EMERGENCY Ambulance, Police, Fire, Roadside service vehicles 	MARINE Yacht, Power boat, Fishing boat, Houseboat, Motor homes 
SOLENOID ISOLATOR	✓			
ELECTRONIC ISOLATOR	✓	✓	✓	✓
DIODE ISOLATOR		✓	✓	✓