

VSR / BSR INFORMATION SHEET

KEY FEATURES

This VSR has a microcontroller which ensures stability in the voltage, smart detection of the vehicle & auxiliary batteries and avoids overheating.

As well as the power indicator LED, this VSR also has a running LED so that the user can see when the battery is being charged.

This VSR is filled with epoxy resin after assembly ensuring that the unit is totally sealed with increased protection against vibration.

The increased load of the heavy duty electronic gate/valve that controls the outputs (known as MOSFET) results in a lower temperature during operation and a significantly longer working life.

EMERGENCY START FUNCTION

If the vehicle's main battery does not have enough power to start the vehicle, then the VSR will automatically reroute power from the auxiliary to the main battery to boost its power. Therefore, even with a 'flat' battery, the engine will be able to start if the auxiliary battery has power.

FREQUENTLY ASKED QUESTIONS

Is the VSR suitable for all vehicles?

The VSR is suitable for all 12v or 24v vehicles (as appropriate) with traditional alternator charging systems.

How do I identify the correct terminal for each battery?

The main and auxiliary batteries can be connected to either of the VSR's terminals, the VSR's MCU automatically detects which is the main and auxiliary battery and charges each as required. **See example of connection diagram overleaf.**

VSR / BSR CONNECTION DIAGRAM

PLEASE NOTE THAT THE CONNECTION DIAGRAM BELOW IS AN EXAMPLE AND THAT THE MAIN & AUXILIARY BATTERIES CAN BE CONNECTED TO EITHER OF THE VSR'S TERMINALS.

