

TESTING FOR NORMAL OPERATION

1. With the ignition set to 'ACC' (Accessories) or 'OFF' and the override switch set to 'OFF', the 'Engaged' LED should be off.
2. Start the vehicle's engine. Once the starting battery reaches 13.4V the VSR will activate and the 'Engaged' LED will illuminate. If the LED does not illuminate within a few seconds, increase the engine RPM to a fast idle allowing the alternator to generate more current to charge the starting battery.
3. Once the LED illuminates, turn the engine 'Off' and switch the headlights and other accessories 'On'. When the starting battery voltage falls below 12.8V, the LED will turn off and the VSR will disconnect the auxiliary load.

TESTING OVERRIDE:

Turn the ignition to 'ON' and then switch the rocker switch to 'ON'. The LED in the switch should illuminate along with the VSR 'Engaged' LED, indicating the connection of both batteries in parallel.

SPECIFICATIONS

P/No.	VSR100
VOLTAGE	12V
CHARGING CURRENT	100A Continuous 200A Peak
CUT IN VOLTAGE	13.4V
CUT OUT VOLTAGE	12.8V
CUT OUT DELAY	8 sec.
CHARGE TYPE	Parallel
CONTROL	MCU
MOUNTING	Surface/Firewall
CURRENT DRAW	Charging 550mA (standby 10mA)
VOLTAGE DROP	None
SURGE PROTECTION	Built-in
ENVIRONMENTAL POTECTION	IP66
OVERRIDE	Requires minimum 10V
RECOMMENDED FUSE	150A
MIN CABLE SIZE	14mm ² (6 B&S)
TORQUE SETTINGS	3.75Lb/ft, 5Nm

WARRANTY

Projecta products are covered by a 12 month warranty. Failure to follow the operating instructions may damage the product and will void warranty. Please read these operating instructions carefully before use. For a warranty claim please return unit to the place of purchase with your sales receipt as proof of purchase date.

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PROJECTA

12 VOLT 100 AMP VSR DUAL BATTERY SYSTEM



P/No.s VSR100K

