



VSR100K | DUAL BATTERY SYSTEMS

VOLTAGE SENSITIVE RELAY KIT

An affordable and reliable, easy to install dual battery management system that requires no modification to the vehicle's original wiring.

100 AMP
12 VOLT

APPLICATION GUIDE



www.a1batterypro.com.au

KEY FEATURES

PRIORITY CHARGING

Ensures main battery is charged before connecting to auxiliary



COMPREHENSIVE KIT

Includes everything for an easy and professional installation



MANUAL OVERRIDE

Can be used to jump start your vehicle in the event of a flat starting battery



SURGE PROTECTION

Built-in protection guards vehicle against voltage spikes



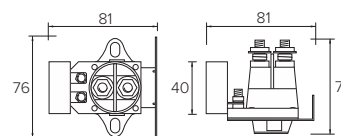
L.E.D INDICATOR

L.E.D illuminates when VSR is activated



SPECIFICATIONS

PART NO.	VSR100K
VOLTAGE	12V
CHARGING CURRENT	100A Continuous, 200A Peak
CUT-IN VOLTAGE	13.4V
CUT-OUT VOLTAGE	12.8V
CUT-OUT DELAY	8 seconds
MINIMUM OPERATING VOLTAGE	10V
CHARGE TYPE	Parallel
CONTROL	MCU
MOUNTING	Surface/firewall
CURRENT DRAW	Charging 550mA (standby 10mA)
SURGE PROTECTION	Built-in
INGRESS PROTECTION	IP66
OVERRIDE	Requires min. 10V
RECOMMENDED FUSE	150A
APPROVAL	EMC



KIT COMPRISES: 100A voltage sensitive relay (P/No. VSR100), rocker switch, lugs, terminals, heat shrink and cable ties, 4m main cable and 60cm aux earth cable (6 B&S), auxiliary battery terminals (2 x pos, 1 x neg)