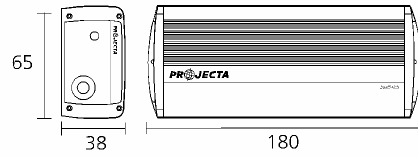


# LVD50

## 12V 50A Low Voltage Disconnect

The ideal solution for protecting expensive deep cycle batteries from over-discharge. Automatically disconnects the load when the LVD detects the voltage has dropped to the disconnection point, ideal for caravan and motorhome applications.



### FEATURES



**Battery Protection**

Prevents damaging the battery through over discharge



**Adjustable Disconnect Point**

Set the disconnect voltage to best suit the application



**L.E.D Status Indicator**

Multi-colour L.E.D indicates connection status of LVD



**Vibration and Weather proof**

Potted electronics prevent dust and water ingress (IP65)



**Compact Size**

Robust mounting points and compact size permit easy fitment

### SPECIFICATIONS

| PRODUCT DETAILS              |                            | ENVIRONMENTAL PROTECTION      | IP65                                   |
|------------------------------|----------------------------|-------------------------------|--|
| PART NO.                     | LVD50                      | CURRENT DRAW                  | 10mA                                   |
| INPUT VOLTAGE                | 10-16V                     | <b>L.E.D LIGHT INDICATION</b> |  |
| OUTPUT CURRENT               | 50A                        | • GREEN LIGHT ON              | OK – monitoring                        |
| CONTROL TYPE                 | MOSFET                     | • GREEN LIGHT FLASHING        | LVD overloaded and running check loads |
| DISCONNECT VOLTAGE SETPOINTS | 10.0V, 10.5V, 11.0V, 12.0V | • RED LIGHT ON                | Load disconnected                      |
| CUTOUT DELAY                 | 1 minute                   | • RED LIGHT FLASHING          | Overload                               |
| RECONNECT VOLTAGE            | 13.0V                      | • RED/• GREEN LIGHT FLASHING  | Check fuse                             |
| FUSE PROTECTED               | 60A (2 x 30A)              | OFF                           | No power to LVD                        |
| REVERSE POLARITY             | Built-in                   |                               |  |
| THERMAL CUTOUT               | 65°                        |                               |  |