



# Duramax

## BUDDY

### The Duramax Power buddy

for monitoring and managing battery health,. The Duramax Buddy can connect to your car alternator or external solar panels to provide 3 stage charging for your secondary battery.

#### Battery Box Details:

- **Size (LxWxH):** 410 x 265 x 325mm
- **Material:** Industrial grade polypropylene
- Separate mounting tray with 4x external mounting points.
- **Connectors:** 2x 50A Anderson style, 2x 12V 15A DC sockets, 5V 2.4A DC dual USB ports
- Includes 12V DC voltmeter with indicator
- Resettable circuit breaker
- M5 bolts hold lid in place
- Includes Duramax Power 100Ah Lithium Battery
- Includes Mason 12Volt DC-DC battery Charger & MPPT Solar Controller 20Amp

The Thunder Heavy Duty Battery Box has safety in mind. There is overload protection via a resettable circuit breaker mounted on the top of the box to protect the accessory socket and USB ports mounted across the front of the lid. Each Anderson style connector is separately protected by a 60A inline maxi fuse.



### Mason 12Volt DC-DC battery Charger & MPPT Solar Controller

connects to your car alternator and external solar panel to provide (12 or 24V) 3 stage charging for secondary batteries such as those used in campers, caravans and trades service vans/trailers. It is compatible with the latest smart alternators and start/stop systems found in modern vehicles. A unique vibration activation sensor simplifies wiring so that it won't void vehicle warranty (see 'charging modes' below). Suitable for Lead Acid, AGM and Lithium Fe PO4 batteries. The built in solar charge controller utilises Maximum Power Point Tracking (MPPT) technology which boosts the PV power from your 12V solar panels ensuring you get optimum charging performance.