

Input Voltage: 2s – 7s Lipo Battery  
 Set Storage Voltage: 3.85v +/- 1%  
 Lead Length: 6"  
 Input Wire: 14AWG  
 Plug Type: Pre Soldered

Size: 80mm x 92mm x 55mm  
 Safety Shutdown Voltage: 3.75v +/- 1%  
 Discharge Current: 10 Amps  
 Discharge Mode: Constant Current  
 Balance Lead Connector: Polarity Protected

## DIRECTIONS / USE:

1. Solder on the Battery Connector of your choice to the pre-tinned wire ends.
2. Connect Battery Leads to the Discharger first.
3. Connect Battery Balance Lead to the Discharger. **ALWAYS MAKE SURE THAT BATTERY BALANCE CONNECTOR NEGATIVE IS TO THE VERY FAR LEFT OF THE PINS.** (illustration 1).

When the Discharger is running, the **RED STATUS LED** will illuminate and the fans will automatically start. The Discharger will continue to run until it reaches the "Set Storage Voltage". Once that happens, the **GREEN STATUS LED** will illuminate and the fans will continue to run, but the discharging has stopped. The fans continue to run to allow for quicker cooling of the Discharger.

**⚠️ !!!CAUTION!!!    !!!CAUTION!!!**

**⚠️ DISCHARGER EMITS HEAT – PLEASE USE CAUTION**

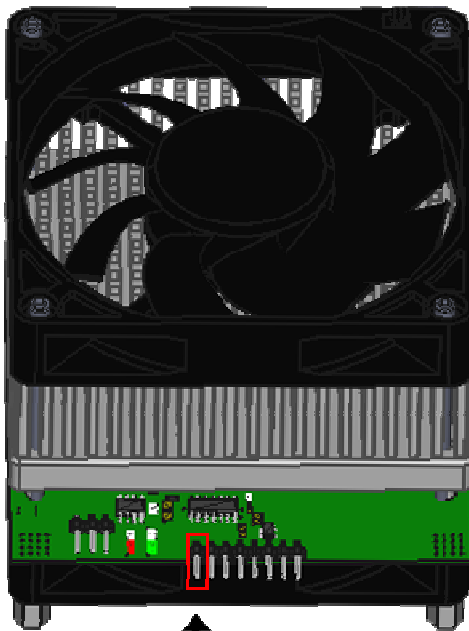


illustration 1

**↑**  
**ALWAYS CONNECT BATTERY  
 BALANCE NEGATIVE TO THE  
 FARTHEST LEFT PIN**

- In order for the discharger to begin the discharge cycle, nominal cell voltage must be above 3.86v +/- 1%.
- If nominal cell voltage is below 3.86v +/- 1%, the discharger will not start the discharge cycle, none of the status leds will illuminate and the fans will not start running.
- If the battery connected to the discharger is left connected after the discharge cycle completes, the discharger will automatically shut down when nominal cell voltage reaches 3.75v +/- 1% to prevent battery damage.
- **DO NOT USE DISCHARGER IN A CONFINED SPACE. ALWAYS MAKE SURE THERE IS A SUFFICIENT AMOUNT OF SPACE SURROUNDING THE DISCHARGER WHEN IN USE.**

## TROUBLESHOOTING:

ISSUE:	CAUSE/SOLUTION:
I connect the battery to the discharger per the manual, but don't see any status leds and the fans are not running.	Nominal cell voltage is below 3.86v +/- 1%, therefore battery is already at storage voltage or below.
Why is the fan still running when the green led is illuminated and the discharging cycle is complete?	The fan continues to run to allow the discharger to cool down after the discharge cycle is complete.
I left a battery connected to the discharger and forgot about it and when I checked, all the leds and fans were off, is my battery dead?	No, the battery is not dead. The discharger reached its nominal cell safety shutdown voltage of 3.75v +/- 1% and has shut down to prevent over discharge of the battery.
The discharger is really warm when I touch it while it's running, is this normal?	Yes, this is normal. The discharger is running at 10 amps and will emit heat. It is best not to touch the discharger until the discharge cycle is complete and the fans have cooled it down (appx. 2 minutes).
Can I discharge batteries in parallel?	Yes, batteries can be discharged in parallel as long as they are the same cell count and capacity.
When I connect the battery per the instructions, both LED's turn on, is something wrong?	Yes, this is a visual indication that there is an issue. Check to make sure balance plug is connected properly and/or, disconnect/reconnect the balance plug.

**⚠ !!!CAUTION!!!    !!!CAUTION!!!**

**⚠ DISCHARGER EMITS HEAT – PLEASE USE CAUTION**