

Input Voltage: 2s – 7s Lipo
 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: 10.8 Amps
 Discharge Mode: Dual Stage Constant Current
 Stage 1: 10.8 Amps Constant Current
 Stage 2: 2.5 Amps Finishing Discharge
 Balance Lead Connector: Universal JST-XH

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** and **YELLOW** LED's will illuminate and the fans will automatically start. During this stage, the Discharger will run at a 10.8 Amp load. As the Battery Voltage drops and gets closer to the "Set Storage Voltage", the **RED** LED will turn off and only the **YELLOW** LED will be on. During this stage, the Discharger will continue to run until it reaches the "Set Storage Voltage". Once that happens, the **YELLOW** LED will go out and the **GREEN** LED will illuminate and the fans will continue to run, but the discharging has stopped. The fans will continue to run to allow for quicker cooling of the Discharger.

⚠️ !!!CAUTION!!! !!!CAUTION!!!

⚠️ DISCHARGER EMITS HEAT – PLEASE USE CAUTION

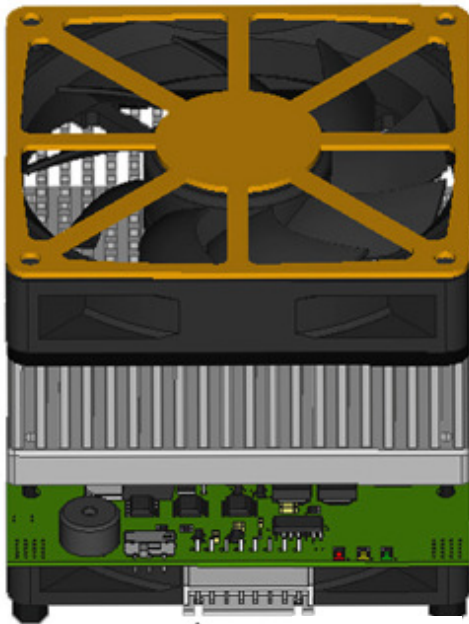


illustration 1

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

- In order for the discharger to begin the discharge cycle, nominal cell voltage must be above 3.9v +/- 1%.
- If nominal cell voltage is below 3.9v +/- 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 sunning.	Nominal cell voltage is below 3.9v +/- 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. Since the discharger is running at close to 317 watts with a 7s battery, the discharger will give off some heat. It is best not to touch the discharger until the discharge cycle is complete and the fans have cooled it down.
Can I discharge batteries in parallel?	Yes, batteries can be discharged in parallel as long as they are the same cell count and capacity.
While discharging, the RED LED begins to blink, is this normal?	Yes, the blinking RED LED is normal and as the discharge cycle continues, the blinking will become slower and eventually the RED LED will turn off.

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