



Hinterra Power Kit – Troubleshooting Guide

Solar Panel Not Charging Battery

- Check sun exposure: panel must face direct sunlight (avoid shade).
- Verify cable: DC output from solar panel → 12V/6A input on battery.
- Battery switch ON: some packs won't charge if switch is OFF.
- Overheating: disconnect, cool down, retry.
- Port conflict: if floodlight is on 12V/6A port, charging will not work.

Battery Not Powering Floodlight

- Floodlight must use the 12V/6A (DC5521) output port.
- Check battery level LEDs — recharge if empty.
- Battery switch must be ON.
- Reminder: battery cannot charge and power floodlight at same time.

Devices Not Charging (USB/9V)

- Use correct port: USB-A 5V/2A, USB-C up to 12V/1.5A, DC5525 9V/1A.
- Check cable quality — poor cables = no/slow charge.
- Some laptops require more than kit can supply — use DC-to-USB-C PD booster if needed.

Floodlight Flickering / Not On

- Ensure proper connection to panel DC output or battery 12V/6A.
- Battery must have enough charge for 10W load.
- Weak sun can cause flicker if running floodlight directly from panel.

General Safety Notes

- Max 12V/6A load = ~72W. Do not exceed.
- Keep panel/battery dry (floodlight is water-resistant, battery is not).
- Reset: switch battery OFF, disconnect everything, wait 30s, reconnect solar → battery, switch ON.