

Battery Box Instructions

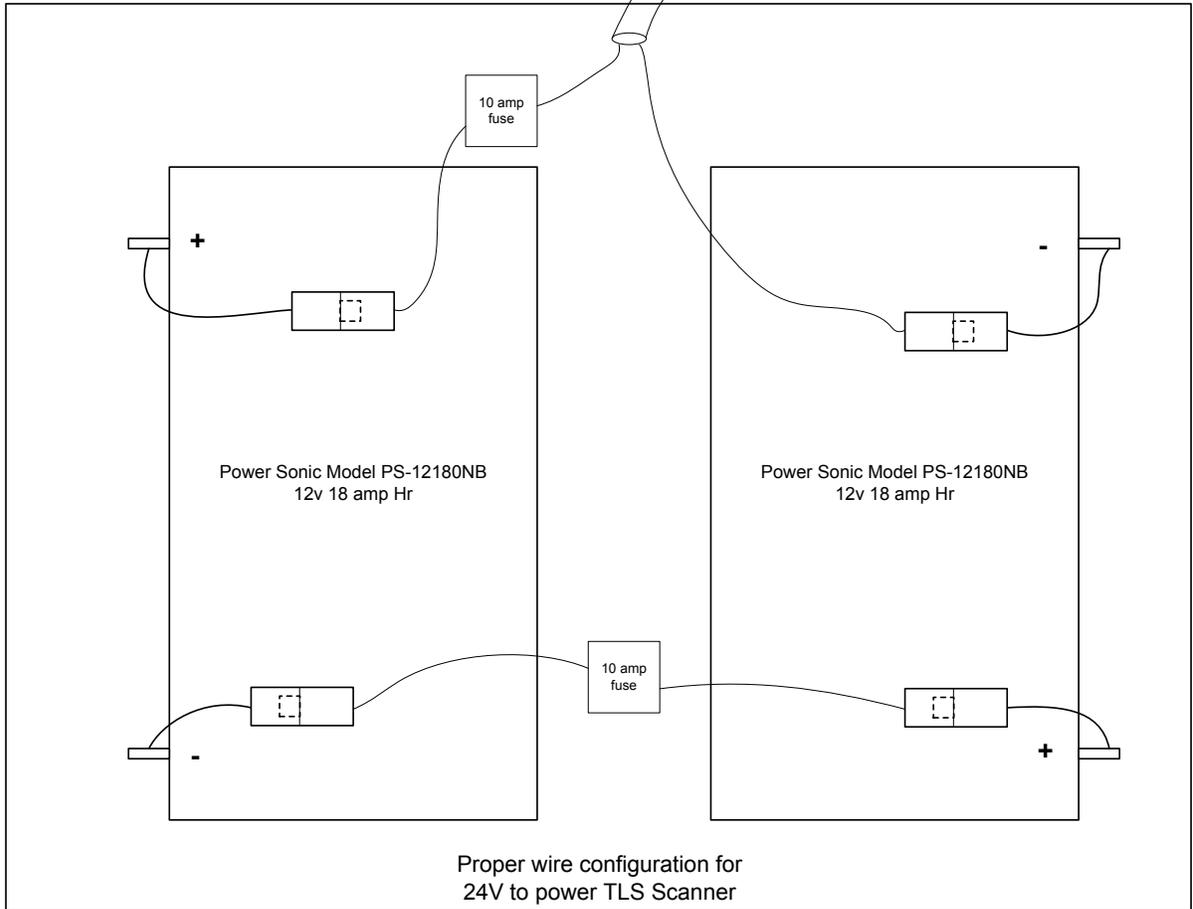
1. Box is shipped with batteries disconnected. When moving or shipping batteries, please disconnect all terminals. Leave terminal pigtail connections on the batteries.
2. Setup: Open box and connect batteries as noted in the drawing and photos for 24V DC configuration to power the TLS scanner.
3. Remove the plug in the top cover. Remove the foam on the inside of the case and feed the round connector through the port. Place the loose plug in the case to prevent loss. Replace the foam and close the case.
4. Connect the power cable for the scanner to the battery connector. The scanner power cable has a matching connector.
5. You are ready to run the scanner.
6. If you need a 12V supply, remove the negative connector going to the main power output battery connection and connect it to the negative terminal on the same battery terminal as the positive side.
7. Do not connect the series jumper (orange wires and fused) from positive to negative of the same battery. That will blow the fuse. There are spare fuses if needed.
8. If you need to power an accessory, an alternate power cord (black) has been provided. Configure the batteries as required using the steps noted above. You may trim the ring terminals as needed to accommodate your needs.
9. **When shipping batteries, remember to disconnect wires at pigtail connections, bag loose wires etc, and replace the case port plug.**

Charging Batteries

1. Normally at least one charger will be supplied with the kit. ***Charge batteries disconnected!*** These are 12V chargers and will be damaged if connected to a 24V configuration. Leave the pigtail connections on the batteries. Clip the battery charger clips directly on the battery terminals.

Battery box wiring

Two prong connector. Thread through access port and connect to scanner power adapter





Standard 24V configuration



Route power plug outside of case for use. Move inside for travel and replace plug.



Accessory cable. Replaces TLS cable for use for other needs. Feel free to trim cable ends as needed. Remember to check battery configuration for proper supply voltage of your accessory (12v or 24V) before connecting your device.