The TLS battery box is comprised of a small Pelican case containing 2 PowerSonic PS-12180NB batteries. They are 12.0 V, 18.0 Ah batteries connected in series for a total of 24.0 V as shown in Figure 1 below.

Each battery box comes with a connection kit which includes:

- 4 leads (Two +, Two -)
- 4 nut/bolt pairs to connect leads to battery terminals
- 1 connection to complete circuit and connect to scanner power cable
- 1 10 Amp fuse holder

Figure 2 below is an image illustrating the proper configuration for the battery box and connections.
Each battery weighs 12.0 lbs (5.44 kg) and the total weight of each battery box is 30.5 lbs (13.83 kg).

Helpful links:

- [Battery Box Instructions](https://kb.unavco.org/article/tls-battery-box-set-up-for-rieegl-scanners-797.html)
- [Battery Box Configuration and Schematics](https://kb.unavco.org/article/tls-battery-box-set-up-for-rieegl-scanners-797.html)