

## ICL1500 - 36V Portable Charger Overview

### **WARNING!**

*NOT FOR OUTDOOR USE, DUSTY ENVIRONMENT, OR HUMID ENVIRONMENT.*

*MUST BE PROPERLY STORED AFTER USE IN WELL VENTED, ROOM-TEMPERATURE ENVIRONMENT.*

### **1) Portable Charger Content**

Open the case to access the Charger. This Charger is suitable for 24V, 36V, and 48V Stromcore Batteries.

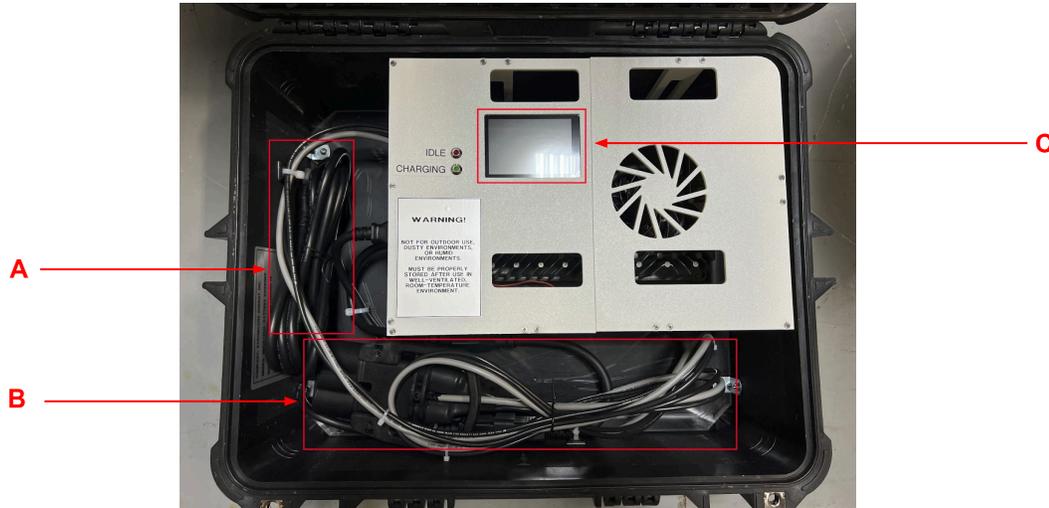


Figure 1: Portable Charger in the case

### **2) Connecting the Charger**

- Plug the AC cord (Labelled A) into a 120VAC power outlet.
- Connect the Charge Port connector (Labelled B) to the battery or the appropriate adapter head.
- Once the main power is connected, the LCD screen (Labelled C) will activate.

### **3) Status LEDs**

The red and green LEDs provide the current state of the charger at a glance. The green LED will light if the charger is enabled and outputting current. Otherwise, the red LED will light to indicate the charger is idle.

### **4) LCD Screen Status Indications**

The LCD screen provides status updates as well as the real-time battery voltage and charging current.

- "Idle" – Displayed when the charger is powered but not outputting any current.
- "Charging" – Displayed once the charger begins outputting current. The screen will also show the charger's real-time output voltage and current.
- "Charge Complete" – Displayed when the battery has been charged to 100%.

### **IMPORTANT**

*IF CHARGING IS INTERRUPTED BEFORE COMPLETION, RESTART THE BATTERY TO PERFORM STATE OF CHARGE CALIBRATION.*



Figure 2: LCD displays