**Hardware Assembly Instructions:**

1. Take everything out of boxes
   1. Remove and categorize all parts needed for assembly, in the same step, check for any instruction manuals that may come with the individual parts

Figure : Top of tripod

1. Assemble tripod
   1. See *Figure 1* and *Figure 2*
2. Screw data logger into the enclosure
   1. Place plastic grommets into holes in the correct spot

Figure : Bottom of tripod

* 1. Attach with screws

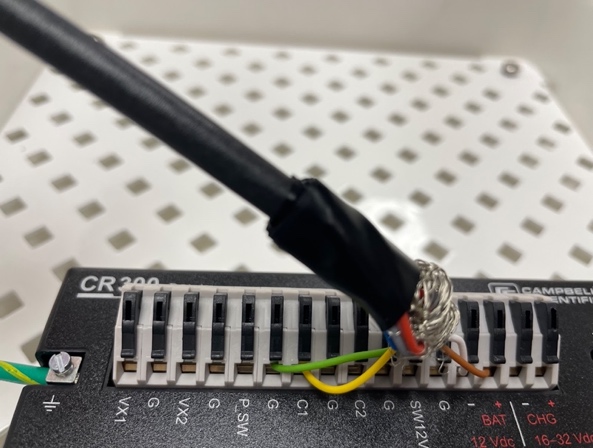
1. Screw battery holder into enclosure
   1. Place screw through battery holder and white backing of enclosure
   2. Secure with bolt on the back of the white backing of enclosure

Figure : Battery holder attached to enclosure

* 1. See *Figure 3*

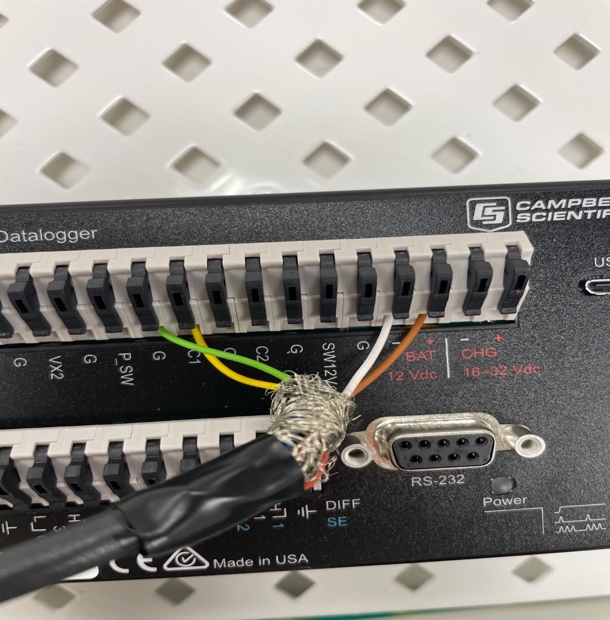
1. Connect the data logger to the green cord from the enclosure
   1. Unscrew the small screw
   2. Strip off the end of the green wire

Figure : Wire attached to datalogger

* 1. Place wire into hole of data logger
  2. Rescrew screw into the hole
  3. See *Figure 4*

1. Connect wire from lufft to datalogger
   1. Place each wire from lufft into the correct place in the datalogger

Figure : Close up of wires

* 1. Green = G
  2. Yellow = C1
  3. White = -
  4. Brown = red +
  5. Tape up the rest of the colored wires with electrical tape
  6. See *Figure 5* and *Figure 6*

1. Connect battery to data logger

Figure 6: Close up of wires

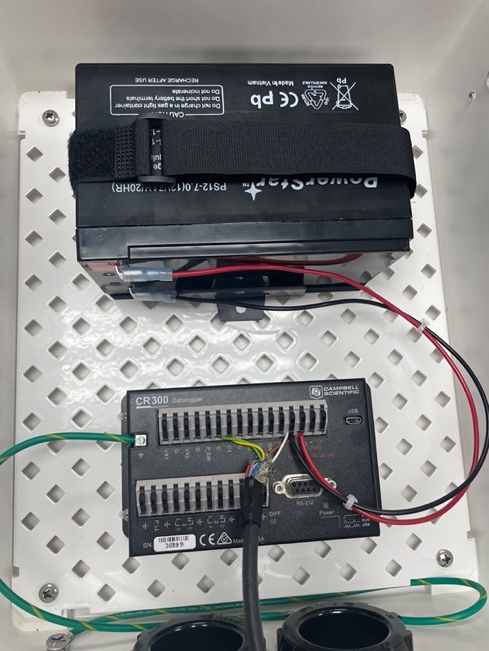
* 1. Need new wire connectors and a red and a black wire
  2. Plug red wire into + BAT
  3. Plug black wire into - BAT 12VAC
  4. Secure new connectors to other end of the wire
  5. Plug black wire into black terminal on battery
  6. Plug red wire into red terminal on battery
  7. Zip tie red and black wires together to clean up enclosure

Figure 7: Battery connected to datalogger

* 1. See *Figure 7*

1. Cut off end of wire on the cord from the solar panel
   1. Strip down ends of cord into 2 separate wires
   2. See *Figure 8*
2. Attach compression coupling to top of metal pole

Figure 8: Cut end of wire from solar panel

1. A camera on a tripod

   Description automatically generated with low confidenceMount housing to tripod using a 1 ¾ inch saddle clamp and reinforcement plate

**Equipment to Purchase:**

1. Wire (For battery)
2. Screws (For securing battery holder)
3. Bolts (For securing battery holder)
4. Female disconnects for wires (To connect wire to battery)

Figure 9: Housing mounted on tripod

1. 1 inch compression coupling
2. 1.5-inch cap
3. 1 ¾ inch saddle clamps (2)

A close-up of a key

Description automatically generated with low confidence

1. Reinforcement plate (2)

Text

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