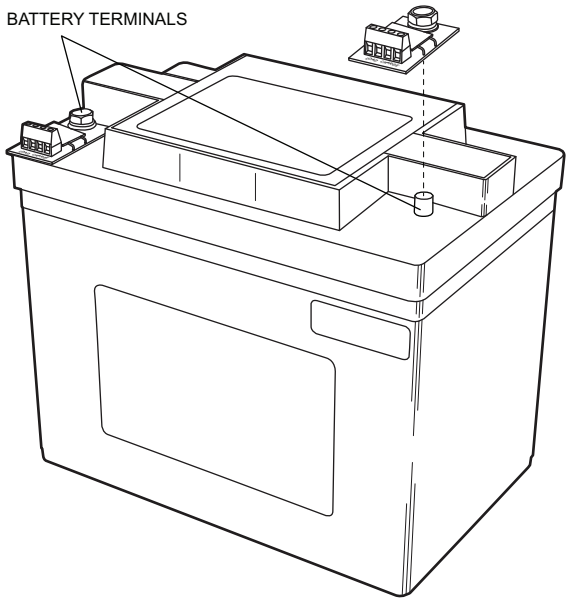
4386 BATTERY TERMINAL BUS

The 4386 battery terminal bus attaches to the BP84 (or other VRLA battery with similar terminals). It provides fused protection between the battery and any device attached to the battery terminal BUS.



Each battery terminal bus features four wire-terminal connections. Two terminals allow a charging device (such as CH200 or Sunsaver-10) to be attached to the battery while providing protection with a 14 A fuse. The remaining two terminals connect to a datalogger, or other device, with a 5 A fuse. Refer to the diagram below when attaching wires to the battery terminal bus.

1. Attach a 4386 battery terminal bus stuffed circuit board to each terminal on the battery. Orient the battery terminal bus as shown.
2. Use a red wire to connect the battery charger (+) terminal to the CHARGE terminal on the positive battery post.
3. Use a red wire to connect the datalogger or other device to the LOAD terminal on the positive battery post.
4. Use a black wire to connect the battery charger (–) terminal to the CHARGE terminal on the negative battery post.
5. Use a black wire to connect the datalogger or other device to the LOAD terminal on the negative battery post.

NOTE: Use 18-AWG wire for all connections. PN 28490 includes an 18-AWG red wire and an 18-AWG black wire (1 ft each).