



The **DVS+200** utilizes an external power source. This external source is a pair of DVA-AL600ULXs (Altronix AL-600ULX) connected to separate inputs on the DVS+ power input.

The Plus + power line from each of the Power Supplies is connected to the respective+ inputs of the DVS+. The Negatives- are connected to the negative- inputs which are actually tied together on the terminal block.

The Battery and AC supervision lines are connected in series, starting with the +12V connection from the DVS+ to the C-connections of one of the power supplies then the AC and Batt contacts are connected through the series NC contacts, back to the DVS+Fault inputs. This way, either an AC or Batt failure, on either power supply will be reported back to the DVS+.

**Connections:**

**Non-Power-Limited**

PS1/+ to DVS+/PS1+  
 PS1/- to DVS+/PS-

PS2/+ to DVS+/PS2+  
 PS2/- to DVS+/PS-

AC connections to main

**Power-Limited**

PS1/AC-C to DVS+/CM1-J14-8  
 PS1/AC-C to PS1/Batt-C

PS1/AC-NC to PS2/AC-C  
 PS1/Batt-NC to PS2/Batt-C

PS2/AC-NC to DVS+/CM1-J12-2  
 PS2/Batt-NC to DVS+/CM1-J12-1

**notes:**

Keep the Non-Power-Limited wiring separated from, and use a separate knockout for, the Power-Limited Fault wiring

Be sure to 'Open' the SW1 switch on both power supplies, to select the 24V output

