

PowerStation AC Power Supply

Introduction

The optional PowerStation AC Power Supply Kit enables you to use AC power to operate the P1 PowerStation. The kit includes the AC Power Supply and a power cord.

This document tells you how to select a suitable location for the Power Supply and how to connect the Power Supply to the PowerStation.

Selecting a Location

If possible, select a location for the Power Supply that provides protection from dust, oil, moisture, and corrosive vapors. If the enclosure you are using for the PowerStation is large enough, you can place the Power Supply in the enclosure with the unit.

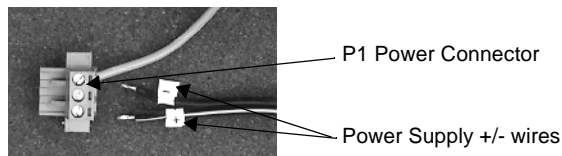
Note If you decide to mount the Power Supply in an enclosure, mounting it flat on the bottom of the enclosure or horizontally on the side of the enclosure provides the best convection cooling.

Connecting the Power Supply to the PowerStation

Once you have selected a location for the Power Supply, you are ready to connect the Power Supply to the PowerStation.

To connect the Power Supply to the PowerStation, complete the following steps:

1. Slide the positive and negative wires from the Power Supply (labeled + and -) into the appropriate slots on the Power Connector that was shipped with the PowerStation. Both the Power Supply wires and the Power Connector are shown below.



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2. Connect the ground cable from the Power Connector to an earth ground.
3. Connect the power cord from the Power Supply to an AC power source.
4. Attach the Power Connector that you prepared in steps 1 and 2 to the PowerStation.

You have successfully connected the Power Supply to your PowerStation. You can now operate the PowerStation using AC power.