

110/220 VAC Change

Introduction

The LBV² is capable of accepting input power ranging from 100-130VAC and 200-240VAC. A simple connector is moved to enable the varying input power.



Work Environment

Prior to beginning ensure you have a clean and dry workspace. Locate the required tools and parts and have paper towels available. It is a good idea to have a container to keep fasteners in as they are removed. Read through the instructions fully prior to beginning and make sure you understand what they are asking you to do.

Be very careful when handling electronics. Use a grounding strap and avoid any static that may damage the boards.





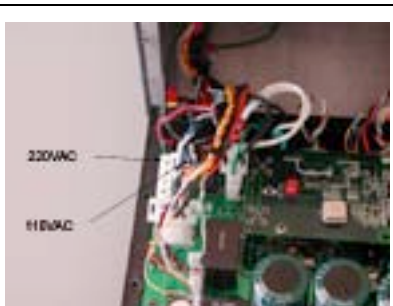
Reading Manual



Below is a list of the required tools, estimated time to complete and level of difficulty. Next to each step where a tool is required the tool is listed. Some of the steps have special notes that must be observed.

Tools Required	Time to complete	Level of Difficulty
<ul style="list-style-type: none"> 2.5mm Hex Ball Driver 	<ul style="list-style-type: none"> 5 minutes 	<ul style="list-style-type: none"> Easy



**Prior to working on the LBV make sure the power is off
and the umbilical is DISCONNECTED.**

	<p><u>Step 1</u></p> <p>Disconnect all cables from surface power supply.</p>
	<p><u>Step 2</u></p> <p>Place surface power supply on non-connector heat sink.</p>
 <p>12 x M4</p>	<p><u>Step 3 – 2.5mm Hex Ball Driver</u></p> <p>Remove 12 x M4X20 socket head cap screws securing heat sink to surface power supply box.</p>
	<p><u>Step 4</u></p> <p>Carefully lift heat sink exposing connectors. Might be easier if you place surface power supply right side up.</p>
 <p>220VAC</p> <p>110VAC</p>	<p><u>Step 5</u></p> <p>Select desired voltage by shifting the plug to the appropriate location. Each is marked 120VAC or 240VAC.</p>

	<p><u>Step 6</u></p> <p>Lower heat sink back onto surface power supply box being careful not to catch any wires.</p>
	<p><u>Step 7 – 2.5mm Hex Ball Driver</u></p> <p>Insert and tighten all 12 x M6X20 socket head cap screws securing heat sink to surface power supply box.</p>