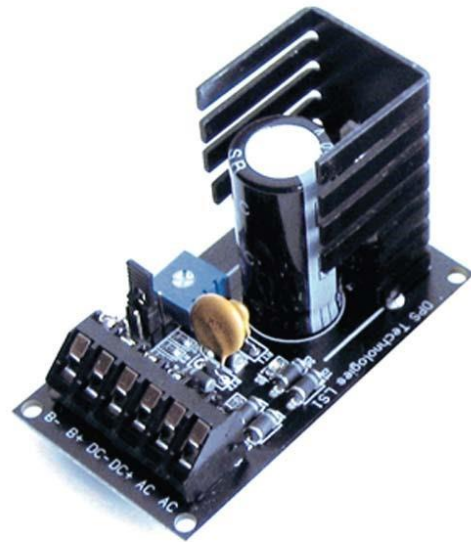


DPS technologies LS1-624 is a cost-effective variable output linear power supply. This unit provides 1 Amp of current with output voltages ranging from 2 – 24 VDC. 12" or 30 cm battery leads are provided for connection to a GELL CELL battery. The LS1-624 will charge the battery and automatically switch over in case of an AC power failure. Easily mounted with the supplied adhesive tape the LS1-624 is suitable for electric strikes and other electrified devices.

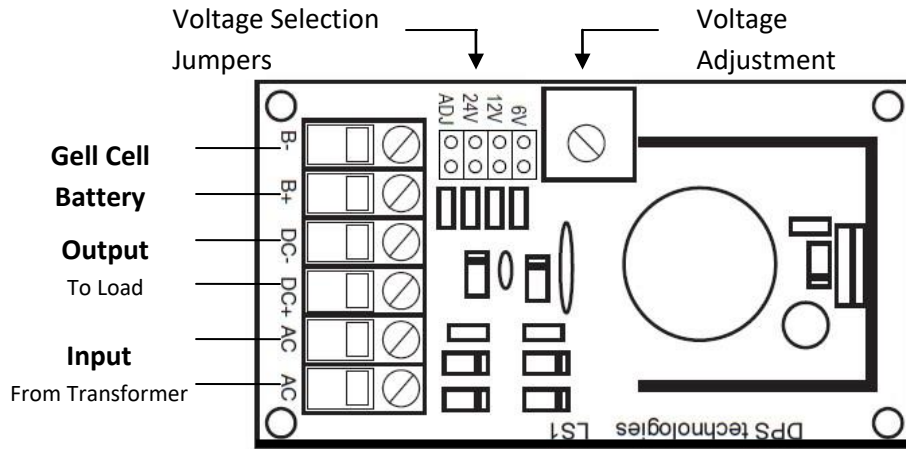


## Specifications

<b>Input Voltage**</b>	6 – 24 VAC depending Output voltage selected
<b>Output Voltage</b>	6, 12, 24 VDC Selectable or 2- 24 VDC if ADJ is selected
<b>Output Protection</b>	PPTC Resettable fuse
<b>Output Power</b>	800mA., 200mA charging current
<b>Ripple</b>	< 40mV.
<b>Efficiency</b>	12VDC = 85%, 24VDC = 90%
<b>Dimensions</b>	2.70" (68.6mm) L x 1.50" (38.1mm) W x H 1.750" (45.5mm)

\*\* See table on back of page.

# Wiring Diagram



## Transformer Selection

Required Output Voltage	Transformer	
	Volts	VA
6 VDC	6 – 9 VAC	20
9 VDC	9 – 12 VAC	20
12 VDC	12 – 14 VAC	30
13.8 VDC	14 – 16 VAC	30
18 VDC	18 – 20 VAC	30
24 VDC	24 – 26 VAC	40

**IMPORTANT**

**Input transformer required.  
DO NOT connect circuit to  
the 120 VAC line.**

