

# Linear based Power Supply 12V/1A

[ Model No: IPS12-1A ] ADAPTOR



## Features:

- . Maximum output power of 12W.
- . High efficiency, High reliability, Low cost.
- . AC input voltage range 230VAC,+/- 30V
- . Built-in input over voltage protection.
- . Low Ripple and Noise.
- . Compact, Light weight.
- . Momentary output short circuit protection.. 100% Full load burn-in test.

## Specifications:

### . Input Characteristics

Input Voltage	230VAC
Input Frequency	50 Hz.
Input Connector	3 pin plug
Input Protections	a) 1.5 Amp, 20mm fast blow, Glass fuse. b) MOV for input over voltage protection.

**. Output Characteristics**

<b>Output Voltage</b>	<b>12 VDC</b>
<b>Output Current</b>	<b>1 A</b>
<b>Output Power</b>	<b>12 W</b>
<b>Output Connector</b>	<b>2-pin screw type connector.</b>
<b>Output Indications(LED)</b>	<b>a) Output – Red color LED.</b>
<b>Output Protections</b>	<b>Over Load Protection</b>
<b>Line Regulation</b>	<b>&lt; + / - 0.5%</b>
<b>Load Regulation</b>	<b>&lt; + / - 0.5%</b>
<b>Ripple and Noise</b>	<b>30mV P-P.</b>

**. Environmental Characteristics**

<b>Operating Temperature</b>	<b>55 C at Full Load and 70 C at 60% load.</b>
<b>Cooling</b>	<b>By free air convection</b>
<b>Relative Humidity</b>	<b>95% NC.</b>

**. General Characteristics**

<b>Efficiency</b>	<b>60%</b>
<b>Dimension (L X H X D) mm</b>	<b>( 65 X 155 X 60 )</b>
<b>Mounting</b>	<b>Wall Mounting</b>

**Note:**

- 1) All these parameters are specified at 230V AC input.**
- 2) For continuous improvement, specifications are subject to change.**