

# 8921 SERIES

## AC/DC Power Supply: 270 Watt



### Features

- Switched mode design.
- 240 VAC input.
- DC output models: 12V, 24V, and 48V.
- Regulated output.
- Short circuit protection.
- Thermal protection.
- Fully enclosed/stand alone.
- Very low ripple and noise..
- Suitable for mobile communications.
- Suitable for use as a battery charger.

The 8921 series power supplies are a very compact switched mode design, suitable for use as an external/stand alone unit or for fixed installations.

Designed for powering modern electronic equipment requiring very low ripple and noise and full protection.

### Specifications

<b>INPUT VOLTAGE:</b>	240 VAC (190 - 250V)
<b>FREQUENCY:</b>	50/60HZ.
<b>OUTPUT VOLTAGE:</b>	12V DC (12 - 15) 24V DC (22 - 30) 48V DC (40 - 60)
<b>OUTPUT VOLTAGE ADJ:</b>	Figures in brackets.
<b>CURRENT LIMIT ADJ:</b>	Adjustable (consult Amtex).
<b>OUTPUT CURRENT:</b>	See table.
<b>OUTPUT POWER:</b>	Typically 270 watts.
<b>LOAD REGULATION:</b>	0.5% at nominal input voltage.
<b>LINE REGULATION:</b>	0.5% over input range.
<b>OPERATING TEMP:</b>	-10°C to 30°C at full load derate linearly to 60°C.
<b>SWITCHING FREQUENCY:</b>	Approx. 67 KHZ.
<b>EFFICIENCY:</b>	Typically 88%.
<b>PROTECTION:</b>	Short circuit protection. Thermal protection.
<b>RIPPLE &amp; NOISE:</b>	Typically 20mV p - p at 67 KHZ and nominal input voltage.
<b>EMC:</b>	Emission - EN55022-B Immunity - EN50082-1
<b>SAFETY:</b>	IEC 950 approved.
<b>COOLING:</b>	Convection cooled.
<b>INPUT CONNECTION:</b>	Input cord.
<b>INDICATION:</b>	LED on front panel.
<b>OUTPUT TERMINALS:</b>	Outputs have 6.3mm push on spade terminals
<b>DIMENSIONS:</b>	148 x 210 x 58mm
<b>WEIGHT:</b>	1.55Kg.
<b>OPTION:</b>	Mounting brackets for panel mounting. Type: FCS, two required per unit.

MODEL	Output V	Output A
8921 - 12	13.5V (12 - 15)	20A
8921 - 24	24V (22 - 30)	12A
8921 - 48	48V (40 - 60)	6A