

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

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