



VxI POWER LIMITED

1 Watt Encapsulated AC-DC Linear Power Supply



PRODUCT DESCRIPTION

A comprehensive range of PCB mounting encapsulated power supplies available in either 120Vac or 230Vac input versions, and in single or dual output formats. They are vacuum encapsulated in flame retardant epoxy resin to UL94V0. All units incorporate overcurrent and reverse protection, and will automatically recover upon removal of the fault condition. The input and output pins are on 2.54mm, (0.1") centres for easy PCB mounting. All units also include a 'one shot' thermal fuse to protect against excessive over temperature conditions. The units are fully approved to EN60950 and are compliant to Low Voltage Directive.

Part Number	AC Input Range	Output Voltage	Output Current	Line Reg (Full Input Swing)	Load Reg (0-100%)
EPS 5/200C	207-253V	5V +/-5%	0-200mA	20mV	60mV
EPS 12/100C	207-253V	12V +/-5%	0-100mA	20mV	60mV
EPSD 12/50C	207-253V	+/-12V +/-5%	0-50mA	20mV	60mV
EPSD 15/40C	207-253V	+/-15V +/-5%	0-40mA	20mV	60mV
EPSL 5/200C	108-132V	5V +/-5%	0-200mA	20mV	60mV
EPSL 12/100C	108-132V	12V +/-5%	0-100mA	20mV	60mV
EPSDL 12/50C	108-132V	+/-12V +/-5%	0-50mA	20mV	60mV
EPSDL 15/40C	108-132V	+/-15V +/-5%	0-40mA	20mV	60mV

PRODUCT SPECIFICATION & DIMENSIONS

Input frequency Range	47-63Hz
Isolation test Voltage	3KV AC RMS Input to Output
Output Ripple	10mV Peak to peak (maximum)
Output Protection	All Outputs are short circuit protected
Operating Temperature Range	0°C to +40°C
Weight	0.155Kg

