



# VxI POWER LIMITED

## 5 Watt Encapsulated AC-DC Linear Power Supply



### PRODUCT DESCRIPTION

A comprehensive range of PCB mounting encapsulated power supplies with single, dual or triple output available in either 120Vac or 230Vac nominal input versions. The 5V crowbar, OVP and regulated DC output provides an ideal power supply solution for Microprocessors, OP Amps, TTL and CMOS applications. They are vacuum encapsulated in flame retardant epoxy resin to UL94V0. The range of units are capable of PCB Mounting or mechanical mounting using the base M3 bushes. The units are fully approved to EN60950 and are compliant to Low Voltage Directive.

Part Number	AC Input Range	Output Voltage 1	Output Voltage 2	Output Voltage 3	Output Current 1	Output Current 2	Output Current 3	Case
EPS 5/1000C	207-253V	5V	-	-	0-1000mA	-	-	A
EPS 12/500C	207-253V	12V	-	-	0-500mA	-	-	A
EPS 15/400C	207-253V	15V	-	-	0-400mA	-	-	A
EPD 12/250C	207-253V	+12V	-12V	-	0-250mA	0-250mA	-	A
EPD 15/200C	207-253V	+15V	-15V	-	0-200mA	0-200mA	-	A
EPS 5T12C	207-253V	+5V	+12V	-12V	0-300mA	0-150mA	0-150mA	B
EPS 5T15C	207-253V	+5V	+15V	-15V	0-300mA	0-120mA	0-120mA	B
EPSL 5/1000C	108-132V	5V	-	-	0-1000mA	-	-	A
EPSL 12/500C	108-132V	12V	-	-	0-500mA	-	-	A
EPSL 15/400C	108-132V	15V	-	-	0-400mA	-	-	A
EPSDL 12/250C	108-132V	+12V	-12V	-	0-250mA	0-250mA	-	A
EPSDL 15/200C	108-132V	+15V	-15V	-	0-200mA	0-200mA	-	A
EPSL 5T12C	108-132V	+5V	+12V	-12V	0-300mA	0-150mA	0-150mA	B
EPSL 5T15C	108-132V	+5V	+15V	-15V	0-300mA	0-120mA	0-120mA	B

### PRODUCT SPECIFICATION & DIMENSIONS

Input Frequency Range 47-63Hz.  
 Isolation Test Voltage 3kV RMS.  
 Output Voltage Tolerance +/-5%.  
 Load Regulation (0-100%load) 100mV max all types.  
 Line Regulation 0.5% max  
 Operating Temperature Range 0°C to +40°C.

Output Protection All Outputs are short circuit protected.  
 Weight 0.50kg.  
 Output Ripple 4mV RMS max (5 volt units).  
 2mV RMS max (other units).

Note : The -V pin has no electrical connection on single o/p units.

