



54, Annapurna Industrial Estate, Tilak Road,
Ghatkopar (E), Mumbai - 400 077 India
Tel: +91-22-21029911
E-mail: sales@excellaelectronics.com



SWITCH MODE POWER SUPPLY (SMPS)

TECHNICAL SPECIFICATION

MODEL

EES12V1A

INPUT

I/P 230V AC, 1-Ph
Frequency 47-63Hz
Range 180-270V AC
Fuse Protection. Yes
Soft Start Yes
Inrush current @230V AC
AC Current
Leakage Current <5mA@230V AC

OUTPUT

Nominal Voltage 12V DC
Voltage Range 12-15V
Rated Current 1A
Line Regulation +/- 1%
Load Regulation +/- 1%
Ripple Max (P-P) +/- 1%
Noise Max (P-P) +/- 1%
Protections

a) Overload Protection auto recovery type:102-105%
b) Short circuit protection auto recovery type:Yes
c) Over Voltage Protection Latching type:105-110%
Yes
@230V AC

Current Limit.
Hold up time

ENVIRONMENTAL

Operating temperature upto 50° C.
Humidity < 95% Rh
IP 21 Protection

GENERAL

Isolation Input to Output – 1.5KV
Input to Earth – 1.5KV
Output to Earth- 500V
MTBF 50K Hrs to MIL

MECHANICAL

Dimension 100 X 65 X 40H mm – with box
90 X 45 X 30H mm – open type
Cooling type Natural
Weight 0.2Kg