



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

EES24V5A

#### INPUT

I/P 230V AC, 1-Ph  
Frequency 47-63Hz  
Range 90-270V AC  
Fuse Protection. Yes  
I/P MOV Yes  
Soft Start Yes  
Inrush current 46A@230V AC  
AC Current  
Leakage Current <5mA@230V AC

#### OUTPUT

Nominal Voltage 24V DC  
Voltage Range 22-26V  
Rated Current 5A  
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  
1.2sec  
82ms@230V AC

Current Limit.  
Start up time  
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  
Efficiency 80%

#### INDICATIONS LED

a) Input OK  
b) Output OK  
c) Output OVP

#### MECHANICAL

Dimension 165W X 105D X 60H mm  
Cooling type Natural  
Weight 0.8 Kg

#### OPTIONAL

Redundancy by external diode.