

## SWITCH MODE POWER SUPPLY (SMPS)

### TECHNICAL SPECIFICATION

<b>MODEL</b>	EES110V10A
<b>INPUT</b>	
I/P	230V AC, 1-Ph
Frequency	47-63Hz
Range	180-270V AC
Fuse Protection.	Yes
I/P MOV	Yes
Soft Start	Yes
Inrush current	23A@230V AC
AC Current	
Leakage Current	<5mA@230V AC
<b>OUTPUT</b>	
Nominal Voltage	110V DC
Voltage Range	100-150V
Rated Current	10A
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% d) Over temperature auto recovery type:80°C ± 5degrees
Current Limit.	Yes
Start up time	6.5sec
Hold up time	28ms@230V AC
<b>ENVIRONMENTAL</b>	
Operating temperature upto 50 <sup>0</sup> C.	
Humidity	< 95% Rh
IP 21 Protection	
<b>GENERAL</b>	
Built in Power Factor Correction- 0.99	
Parallable (active current sharing) and series able	
Isolation	Input to Output – 1.5KV Input to Earth – 1.5KV Output to Earth- 500V
MTBF	50K Hrs to MIL
Efficiency	85%
Potential Free Contact – Alarm contact	
<b>INDICATIONS LED</b>	a) Input OK – Green LED b) Output OK-Green LED c) Input Under or Over Voltage(U/O)-Red LED d) Output Over Voltage(OVP)-Red LED e) Output Over Load(O/L)-Red LED f) Over Temp(O/T)-Red LED g) Output Short (S/B)-Red LED
<b>MECHANICAL</b>	
Dimension	290W X 340D X 100H mm
Cooling type	Fan cooled – exhaust
Weight	6 Kgs