

SWITCHING MODE POWER SUPPLY 5 TO 70 WATTS

FEATURES:

- Latest PWM Controller TOP Switch based design.
- Energy efficient over entire load range
- Higher System Reliability
- High efficiency, Low cost.
- Output power up to 120 W.
- Universal wide AC Input voltage range
- Built-in EMI filter.
- Low Ripple and Noise in output.
- Screw type input and output connectors.
- Compact, light weight.
- Auto-restart delivers <3% of maximum power in short circuit and open loop fault condition.
- Over Load fuse protection, over voltage protection for AC input.

TECHNICAL SPECIFICATIONS:

• **Input**

Input Voltage	160V - 265V AC.
Input Frequency	45 - 60 Hz.
Input Connector	2-pin screw terminal.
Input Protections	Fuse Protection for over load. MOV Protection for over voltage.
Filters	EMI/RFI.

• **Output**

Output Voltage	Selectable From Table 1.1
Output Current	Selectable From Table 1.1
Output Power	UP TO 70 W.
Output Connector	2-pin screw terminal.
Output Indications	GREEN LED.
Output Protections	Over load Protection.
Line Regulation	< +/- 1%.
Load Regulation	< +/- 1%.
Ripple and Noise	< +/- 1%.
Efficiency	80%.

• **Environmental**

Operating Temperature	55 oC at Full Load and 70oC at 60% load.
Operating Humidity	85% NC.

S. No.	MODEL NO.	OUTPUT VOLTAGE	OUTPUT CURRENT
1	V15-5	5 V	1.0 A
2.	V15-5	5 V	2.0 A
3.	F40-5	5 V	5.0 A
4.	T40-5	5 V	8.0 A
5.	V15-12	12V	1.0 A
6.	F40-12	12V	3.0 A
7.	T70-12	12V	4.5 A
8.	F40-24	24V	1.5 A
9.	T70-24	24V	3.0 A
10.	F40-48	48V	0.5 A
11.	T70-48	48V	1.0 A

Table 1.1



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The Complete Electronic Solution