

Switching Mode Power Supply 24V/3A

[Model No: SMPS24-3A]



Features:

- . Latest Top Switch based design.**
- . Maximum output power of 72 W.**
- . High efficiency, High reliability, Low cost.**
- . AC input voltage range 180V ~ 265V AC.**
- . Built-in EMI filter.**
- . Low Ripple and Noise.**
- . Soft start circuit to limit the AC inrush current.**
- . Screw type input and output connectors.**
- . Compact, Light weight.**
- . Momentary output short circuit protection, Over load protection.**
- . 100% Full load burn-in test.**

Specifications:

. Input Characteristics

Input Voltage	180V – 265 VAC
Input Frequency	50 Hz.
Input Connector	3 Core cable I/P.
Input Protections	a) 3 Amp, 20mm fast blow, Glass fuse. b) MOV for input over voltage protection.
Filters	EMI/RFI.

. Output Characteristics

Output Voltage	24 VDC
Output Current	3 A
Output Power	72 W
Output Connector	2 Core cable O/P.
Output Indications	a) Output Ok – Red Color LED.
Output Protections	Over load Protection
Line Regulation	< + / - 0.5%
Load Regulation	< + / - 0.5%
Ripple and Noise	< + / - 1.5% P-P.

. Environmental Characteristics

Operating Temperature	55 C at Full Load and 70 C at 60% load.
Cooling	By free air convection
Relative Humidity	95% NC.

. General Characteristics

Efficiency	70%
Hold Time	> 20mSec on full load.
Dimension (L X H X D) mm	(150 X 108 X 56)
Mounting	Wall Mounting

Note:

- 1) All these parameters are specified at 230V AC input.**
- 2) For continuous improvement, specifications are subject to change.**