

Model : JSI 108

12V 72W AC to DC SMPS



Description

JSI 108 is a high efficiency SMPS using state of art technology.

The design is based around Power Integration Chip Set which is at the cutting edge of technology.

The design is based on surface Mount Devices (SMD). This helps in having mass Production with very low failure of the SMPS. The assembly is done on fully automated machines thus eliminating the chances of human errors and failure due to poor soldering.

Salient Features

- Universal AC Input 120V-280V 60 Hz.
- High Efficiency 85%
- Islated Ouput
- Soft Start
- Short Circuit Protection
- Overload Protection (OP)
- Input over Voltage cutoff.
- Input under Voltage cutoff.
- Over Temperature Protection (OTP)
- All components are rated for 105° Coperation.

Typical Applications.

- Power Adaptor for DVR
- Power Adaptor for CCTV Cameras
- Industrial Automation.



Specifications of 12V 72W AC to DC SMPS	
Product Category:	Switching Power Supply
Manufacturer	JS Industry
Product Model	JSI 108
Use	Commercial
Output Voltage	12V +/- 5%
Output Current	6 Amp +/- 5%
Output Power	72 W
Ripple Current	200mV P-P
Output Load Regulation	+/- 3%
Line Regulation	+/- 0.5%
Input Frequency	47-63 Hz
Efficiency	83%
Input Current at Full Load	0.45 A at 230V
Input Current at No Load	7mA
Open Frame/Enclosed	Semi Open Frame
Input Voltage:	120 VAC to 280 VAC
Operating Temperature	5° C to 70° C
Mounting Style	PCB
Length:	130 mm
Width:	110 mm
Height:	38 mm
Input Cable	3 Pin 5A Length 900 mm
Output Terminal	PCB Mounted 0.75sqmm, 2Pole x 4
Warranty	1 Year