

Model : JSI 401M

12V 48W AC to DC SMPS



## Description

JSI **401M** 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 50/60 Hz.
- High Efficiency 85%
- Isolated Output
- 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° C operation.

## Typical Applications.

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



## Specifications of 12V 48W AC to DC SMPS

Product Category:	Switching Power Supply
Manufacturer	JS Industry
Product Model	JSI 401 M
Use	Commercial
Output Voltage	12V +/- 5%
Output Current	4 Amp +/- 5%
Output Power	48 W
Ripple Current	200mV P-P
Output Load Regulation	+/- 3%
Line Regulation	+/- 0.5%
Input Frequency	50-60 Hz
Efficiency	85%
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:	110 mm
Width:	80 mm
Height:	40 mm
Input Cable	3 Pin 5A Length 900 mm
Output Terminal	PCB Mounted 0.75sqmm, 2Pole x 1
Warranty	1 Year