

Model : JSI 102

12V 30W AC - DC ADAPTOR



Description

JSI 102 is a high efficiency SMPS using state of art technology.

The design is based around ROHM Chip Set family which is at the cutting edge of technology.

All Capacitors can withstand temperature from 85-105 °C thus reducing the chances of thermal stress failures.

Over Capacity built in the sizing of the main Capacitors thus increasing the stability and life of the Adaptor.

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

Salient Features

- Universal AC Input 100V-265V 50 Hz.
- No load power Consumption 10 mA
- High Efficiency > 80% at 220V.
- Soft Start
- Short Circuit Protection
- Overload Protection (OP)
- Over Voltage Protection (OVP)

Typical Applications.

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



Specifications of 12V 30W AC to DC ADAPTOR	
Product Category	Switching Power Supply
Manufacturer	JS Industry
Product Model	JSI 102
Use	Commercial
Output Voltage	12V +/- 3%
Output Current	2.5 Amp +/- 5%
Output Power	30 W
Ripple Current	100mV P-P
Output Load Regulation	+/- 3%
Line Regulation	+/- 0.5%
Input Frequency	47-63 Hz
Efficiency	80%
Input Current at Full Load	0.2 A at 220V
Input Current at No Load	10mA
Open Frame/Enclosed	CLOSED PC Cabinet
Input Voltage:	100 to 265 VAC
Operating Temperature	10° C to 40° C
Mounting Style	PCB
Length:	80 mm
Width:	54 mm
Height:	65 mm
Input	Wall mounting 2 Pin
Output Terminal	PWR PLUG 2X5.5 MM Lead
Warranty	1 Year