

# Switching Power Supply 150W

## S-150-24

### Output 24Vdc 6.25A

Fully enclosed switching power supply for industrial applications around the world regardless of voltage and frequency of the power line.

Highly reliable power output with short circuit, overload and overvoltage protection. Output capacitors are rated at 105°C. Features factory installed EMI filter.

### Electrical Specifications:

DC output voltage	24Vdc.
Output voltage tolerance	1%.
Output Voltage Adjustment Range	21V - 28V
Rated output current	6.25A.
Output current range	0-6.25A.
Ripple and Noise	240mVp-p.
Line Regulation	±0.2%.
Load Regulation	±0.2%.
Rated Output Power	150W
Efficiency	85%
AC Input Voltage Range	88-132Vac 176-264Vac
AC Line Frequency	47-63Hz
AC Current (typical)	3.2A/115V 1.6A/230V
AC Inrush Current	30A/115V 60A/230V
Leakage Current	<3.5mA/240Vac
Overload Protection	105-150%
Overvoltage Protection	115-135%
Setup, rise, hold-up time	100,50,20ms
Isolation Resistance	500Vdc/100MΩ
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
Working Temp	-10°C - +60°C
Working Humidity	20% - 90% RH
Overall Dimension	199x98x42mm
Weight	0.8kg



### Other Features:

- AC Input Range selectable by switch.
- Overload Protection type:  
Output cutout.  
Recovers automatically after fault condition removed
- Overvoltage Protection type:  
Pulsing Hiccup mode.  
Recovers automatically after fault condition removed
- 100% Full Load Burn-in Test.

### Installation Issues:

- AC Voltage Selector Switch is located on the side of the case. Make sure it is set to correct voltage.
- Always connect ground to the Ground terminal. This way the case will be safe to touch.
- Provide adequate air circulation for cooling.
- There are two or more terminals labeled "+" and "-" provided for convenience. All terminals labeled with the same symbol are internally connected.

*Made in China*