

# Switching Power Supply

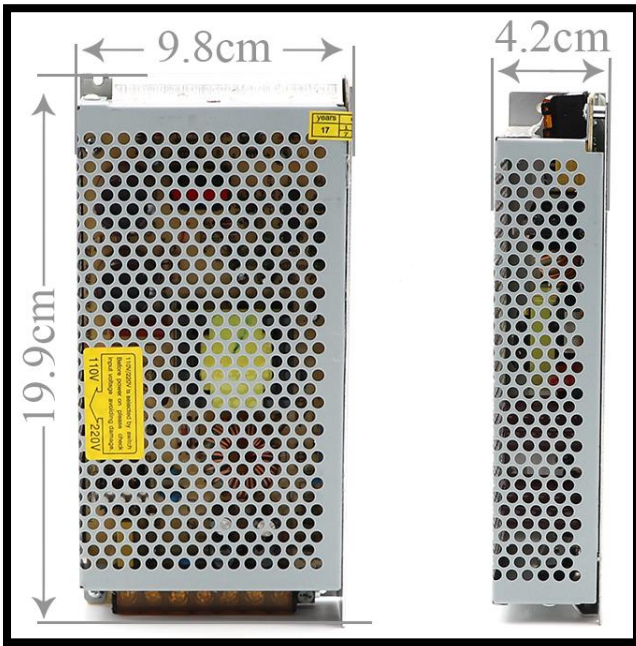
## Model:S-150-12



### Specifications:

- ❖ DC Voltage: 12V
- ❖ Rated Current: 12.5A
- ❖ Current Range: 0-12.5A
- ❖ Rated Power: 150W
- ❖ Ripple & Noise (max.): 180mVp-p
- ❖ Voltage ADJ. Range: 10.6 - 13.2V
- ❖ Voltage Tolerance:  $\pm 1.0\%$
- ❖ Line Regulation:  $\pm 0.3\%$
- ❖ Load Regulation:  $\pm 0.3\%$
- ❖ Setup, Rise, Hold Time: 100ms, 50ms, 20ms at full load.
- ❖ Voltage Range: 88 ~ 132VAC/176 ~ 264VAC selected by switch 248 ~ 370VDC
- ❖ Frequency Range: 47 ~ 63Hz
- ❖ Efficiency: 82%
- ❖ AC Current: 12.5A 110-220V
- ❖ Inrush Current: COLD START 35A
- ❖ Leakage Current:  $< 3.5\text{mA}/240\text{VAC}$
- ❖ Overload: 105-150% rated power output, Protection type: Shut down o/p voltage, re-power on to recover.
- ❖ Over Voltage: 13.8 ~ 16.2V, Protection type : Shut down o/p voltage, re-power on to recover
- ❖ Working Temperature and Humidity:  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ , 20%~90%RH.
- ❖ Storage Temperature and Humidity:  $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$ , 10%~95%RH.
- ❖ Temperature Coefficient:  $\pm 0.03\%/^{\circ}\text{C}$  ( $0 \sim 50^{\circ}\text{C}$ )
- ❖ Vibration 10-500Hz, 2G 10min/1cycle, period for 60min each along X, Y, Z axes.
- ❖ Size: 19.9x9.8x4.2cm

*More Detailed Photos:*



*Made in China*