

# 12V 60W Power Supply

## 12VDC 5A Output

12V 60W adapter type power supply provides a single 1% regulated DC output from zero to the maximum load of 60W. Over voltage, current limit and short circuit protection are built in. There are no internal fuses. If the current limit is exceeded, the supply shuts down until AC power is removed. It automatically resets when AC power is restored. The power supplies cannot be damaged by shorting the outputs. Operation from either 110V or 220V AC line input voltage.

### Overview

- Low cost, high reliability
- International AC input range
- Built in EMI filter, low ripple
- High efficiency, low working temperature
- Short circuit, overload protected
- Compact size, light weight



### Specifications

Parameter	12V DC Output
Input Voltage	110 ~ 240 VAC
Input Frequency	47 to 63 Hz
Output Voltage	12 VDC $\pm$ 5%
Voltage Adj. Range (type)	10.6 - 13.2 V
Rated Current	5 Amp
Efficiency (type)	85%
Ripple & Noise (max.)	$\pm$ 180mV
Line or Load Regulation	$\pm$ 0.3%
Protection	Overload, Overvoltage, Short-circuit (power cycle to recover)
Working Temperature	-10 to 60 C (see Output Derating plot)
Working Humidity	20 to 90 % non-condensing