

## PS0312N

12V, 3 Amps SMPS with MS Box

### Description



The PS0312N is a fully regulated switch mode power supply providing 12 Volts DC at 3 Amps. The high frequency action enables it to work smoothly on a very wide AC input Voltage range from 90 to 280 volts with comparatively low power losses, high efficiency small size and lesser weight.

### FEATURES

- Over load cut off & recovery.
- Input over & under voltage protection.
- Thermal shut down protection and recovery.
- Short circuit and over voltage shutdown protection.

### TECHNICAL SPECIFICATIONS

Input Voltage	90-280V AC
Input Frequency	45~55Hz
Output Voltage	12V DC
Output Current	3 Amps. Max
Efficiency @ full load & 230 V AC	>85%
Operating Temperature	0~55 °C
Line Regulation	<1%
Load Regulation	<1%
Ripple	<50mv p-p
Isolation Between Input & Output	3000V AC
Input & Earth	1500V AC
Output & Earth	1500V AC
Dimensions: L*W*H	185*100*50 (size are in mm)
Weight	540 gm.