

## PS0412C

12V, 4 Amp with rechargeable Circuit

### Description



The PS0412C is a fully regulated switch mode power supply providing 12 Volts DC at 4 Amps along with the facility of charging the battery for back up. The high frequency action enables it to work smoothly on a very wide AC input Voltage range from 120 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	120-280V AC
Input Frequency	45~55Hz
Output Voltage	12V DC
Output Current	4 Amps. Max
Charging Current	500 mAh
Output Voltage adjustment	+ -10%
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	163*77*40 (size are in mm)
Weight	210 gm