

PS0512C

12V, 5 Amp With rechargeable Circuit

Description



The PS0512C is a fully regulated switch mode power supply providing 12 Volts DC at 5 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 | 5 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 | 159*113*48 (size are in mm) |
| Weight | 280 gm |