

PS0205NABS

5V, 2 Amp. SMPS Adapter

Description



The PS0205NABS is a fully regulated switch mode power supply providing 5 Volts DC at 2.0 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.
- Short circuit and over voltage shutdown protection.
- Input over & under voltage protection.
- Thermal shut down protection and recovery.

TECHNICAL SPECIFICATIONS

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|-----------------------------------|---------------------------|
| Input Voltage | 90-280V AC |
| Input Frequency | 45~55Hz |
| Output Voltage | 5V DC |
| Output Current | 2 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 | 1500V AC |
| Input & Earth | 1500V AC |
| Output & Earth | 1500V AC |
| Dimensions: L*W*H | 70*46*34 (size are in mm) |
| Weight | 110 gm. |