



勵人電子股份有限公司

LEADMAN ELECTRONIC CO., LTD.

## Switching Power Adapter

Model : CP120050 EU(歐規)

Output : 12V/0.5A



### Features :

- High Efficiency, high reliability
- Universal full range AC input
- Over voltage protection
- Short circuit protection
- Low ripple noise
- 1 year warranty

### Output specification :

- Single Voltage : +12V
- MAX. Load : 0.5A
- MIN. Load : 0.1A
- Regulation : +/- 5%
- Ripple & Noise : Under 1% (Peak to Peak Maximum)
- Efficiency : >70% @230V AC line full load

### Reliability :

- Burn in test : 4 hours, 30 +/- 5 °C, 80% of full load, 220VAC 50Hz
- MTBF: > 30,000 hours at 80% of full load, 25 °C condition
- **Suggesting continuous load: Under 0.4A (80%)**

### Input specification :

- Voltage Range : 100~240VAC
- Frequency : 47~63Hz
- Current : <0.3A@115V full load condition
- Inrush current : <10A@100V, <20A@240V
- Leakage current : <0.25mA

### Environment :

- Operating temperature range : 0 °C ~+40 °C
- Storage temperature : -40 °C ~+70 °C
- Operating humidity : 10% to 90% RH(Non-Condensing)
- Storage humidity : 5% to 95% RH(Non-Condensing)

### EMC & Safety :

- Complies with EN55022 Class B

# Mechanical Specification:

**BODY DIMENSION: 55(L) x 23(W) x 40(H) mm**

