

12V Switch-mode Power Supply
Product Datasheet

12V DC 2 CHANNEL FLEXI VOLTAGE CCTV SMPS

A unique power supply solution wherein the Installer can adjust the Voltage (12-15VDC) based on wire distance to ensure that adequate voltage reaches the camera.



Technical data

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|----------------------------------|----------------------|
| Input Voltage | AC 90V-280V |
| Input Frequency | 50Hz |
| Input Current | 115 mA |
| Output Voltage | DC 12V |
| Output current | 2400 mA Max. |
| Output power On | Green LED Indication |
| Efficiency at Full Load @230V AC | >85% |
| Line Regulation | <1% |
| Load Regulation | <1% |
| Dimension | 90mm*65mm*40mm |
| Weight | 175 Gms. |

Features:

EcoSmart - Energy Efficient

- Multi-mode control maximizes efficiency over full load range
- No-load consumption below 30 mW at 230 VAC
- >75% efficiency with 1 W input at 230 VAC
- >50% efficiency with 0.1 W input at 230 VAC
- Compensation over line limits overload power
- Fully integrated soft-start for minimum start-up stress

Extensive Protection Features

- Auto-restart limits power delivery to 3% during overload faults
- Output short-circuit protection (SCP)
- Output overload/over-current protection (OPP, OCP)
- Optional extended shutdown delay time
- Output overvoltage protection (OVP), auto-restart or latching
- Line brown-in/out protection (line UV)
- Line overvoltage (OV) shutdown extends line surge withstand
- Accurate thermal shutdown (OTP), hysteretic or latching