

CLD-6012-T3-EA series

12V / 5A Desktop Type Constant Voltage Power Supply



■ Features:

- Universal AC input / Full range
- ErP step II / CEC level V compliance
- Protections: Over current / Short circuit
- Output Voltage LED indicator



CONSTANT VOLTAGE   VI LPS CE

ELECTRICAL SPECIFICATION

MODEL	CLD 6012 T3 EA
OUTPUT	
Rated Voltage	12V
Rated Current	5A
Current Range	0 ÷ 5A
Rated Power	60W
Line Regulation	± 1%
Load Regulation	± 5%
Tolerance [3]	± 5%
Ripple & Noise (max.) [2]	240mV _{p-p}
Setup, Rise Time [4]	3000ms, 50ms / 230VAC at full load
Hold up Time (typ.)	8ms / 230VAC at full load

INPUT	
Voltage Range	90 ÷ 264VAC
Frequency Range	47 ÷ 63Hz
Efficiency (typ.)	87%
AC Current (typ.)	1.8A / 115VAC, 0.9A / 230VAC
Inrush Current (typ.)	30A / 115VAC, 60A / 230VAC
Leakage Current (max.)	0.75mA / 240VAC

PROTECTIONS	
Over Current	Type: hiccup mode, auto-recovery.
Short Circuit	Type: hiccup mode, auto-recovery.

WORKING ENVIRONMENT	
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Working Temperature	0°C ÷ 40°C
Working Humidity	10 ÷ 90% RH non-condensing
Storage Temperature and Humidity	-20°C ÷ 85°C, 5 ÷ 90% RH non-condensing

SAFETY and EMC REGULATIONS

Safety Standards	Compliance to EN 62368-1
Withstand Voltage	I-P/O-P: 3.0kVAC; I-P/GND: 1.5kVAC; O-P/GND: 0.5kVAC
Isolation Resistance	IN/OUT: 50MΩ/500VDC/25°C/70%
EMC Emission	Compliance to EN55032
EMC Immunity	Compliance to EN61000-4-2, -3, -4, -5
Harmonic Current	Compliance to EN61000-3-3; EN61000-3-2

OTHERS

Dimensions	120 x 60 x 35mm (L x W x H)
Weight	280g

MECHANICAL SPECIFICATION

