

# CLD-6012-T3-EA series

12V / 5A Desktop Type Constant Voltage Power Supply



## ■ Features:

- Universal AC input / Full range
- ErP step II / CEC level VI compliance
- Protections: Over current / Short circuit
- MTBF > 100,000 hours



## ELECTRICAL SPECIFICATION

MODEL	CLD 6012 T3 EA
<b>OUTPUT</b>	
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 <sub>p-p</sub>
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.)	<2.0A / 115VAC,
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

# CLD-6012-T3-EA series



12V / 5A Desktop Type Constant Voltage Power Supply

<b>Working Temperature</b>	0°C ÷ 40°C
<b>Working Humidity</b>	10 ÷ 90% RH non-condensing
<b>Storage Temperature and Humidity</b>	-20°C ÷ 85°C, 5 ÷ 90% RH non-condensing

## SAFETY and EMC REGULATIONS

<b>Safety Standards</b>	Compliance to EN 60950-1
<b>Withstand Voltage</b>	IN/OUT: 4242kVDC
<b>Isolation Resistance</b>	IN/OUT: 50MΩ/500VDC/25°C/70%
<b>EMC Emission</b>	Compliance to EN55032
<b>EMC Immunity</b>	Compliance to EN61000-4-2, -3, -4, -5
<b>Harmonic Current</b>	Compliance to EN61000-3-3; EN61000-3-2

## OTHERS

<b>Dimensions</b>	105.5 x 46.4 x 28.3mm (L x W x H)
<b>Weight</b>	300g

## MECHANICAL SPECIFICATION

