

# CLD-9012-T2-EA series

12V / 7.5A 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



## ELECTRICAL SPECIFICATION

MODEL	CLD 9012 T2 EA
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### OUTPUT

Rated Voltage	12V
Rated Current	7.5A
Current Range	0 ÷ 7.5A
Rated Power	90W
Line Regulation	± 1%
Load Regulation	± 5%
Tolerance [3]	± 8%
Ripple & Noise (max.) [2]	180mV <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.)	88%
AC Current (typ.)	1.8A / 115VAC, 0.75A / 230VAC
Inrush Current (typ.)	40A / 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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<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>	133 x 59 x 35mm (L x W x H)
<b>Weight</b>	450g

## MECHANICAL SPECIFICATION

