

EN: This Datasheet is presented by the manufacturer.

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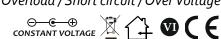
# CLD-6524-T3-ER25 series

65W Constant voltage desktop type AC/DC adaptor



#### ■ Features:

- Universal AC input / Full range
- ErP step II / CEC level VI compliance
- No load power consumption P < 0.1W
- Protections: Overload / Short circuit / Over Voltage





## **ELECTRICAL SPECIFICATION**

ELECTRICAL SPECIFICATI	<u>ION</u>	
MODEL	CLD 6524 T3 ER25	
OUTPUT		
Rated Voltage	24V	
Rated Current	2.7A	
Current Range	0 ÷ 2.7A	
Rated Power	65W	
Line Regulation	± 1%	
Load Regulation	± 4%	
Tolerance [3]	± 5%	
Ripple & Noise (max.) [2]	150mV <sub>P-P</sub>	
Setup, RiseTime [4]	1000ms, 50ms / 230VAC at full load	
Hold up Time (typ.)	20ms / 230VAC at full load	

INPUT	
Voltage Range	90 ÷ 264VAC
Frequency Range	47 ÷ 63Hz
Efiiciency (typ.)	87,81% - Input115/230Vac / Average(25%+50%+75%+100%)/4
AC Current (typ.)	2A / 230VAC
No load Power Consumption (max.)	<0.1W

PROTECTIONS	
Overload	Range: 105-200%
	Type: hiccup mode, auto-recovery.
Short Circuit	Type: hiccup mode, auto-recovery.
OverMeltone	26V
Over Voltage	Type: hiccup mode, auto-recovery.

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WORKING ENVIRONMENT	
Working Temperature	0°C ÷ 35°C
Working Humidity	20 ÷ 95% RH non-condensing
Storage Temperature and Humidity	-20°C ÷ 60°C, 5 ÷ 95% RH non-condensing

SAFETY and EMC REGULATIONS		
Safety Standards	Compliance to EN 62368-1	
Withstand Voltage	IN/OUT: 3.6kVAC	
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		
AC Inlet	IEC320-C14	
DC wire and plug	Wire: 16AWG*2C, length = 1500mm	Plug: 2.5/5.5, positive inside
MTBF	60 000h	
Dimensions	110.3 x 51.4 x 33mm (L x W x H)	
Net Weight	170g	

- 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- $2. \ Ripple \ \& \ noise \ are \ measured \ at \ 20MHz \ of \ bandwidth \ by \ using \ a \ 12" \ twisted \ pair-wire \ terminated \ with \ a \ 0.1 \mu F \ i \ 47 \mu F \ parallel \ capacitor.$
- 3. Tolerance includes set up tolerance, line regulation and load regulation.
- 4. Setup and rise time is measured from 0 to 90% rated output voltage.
- 5. Power supply is considered as component not indented to apply by end-user. Power supply meets safety and EMC standards however the final equipment with power supply must be re-quality to comply with EMC Directives.

### **MECHANICAL SPECIFICATION**

