## ER15W series

15W Wall mounted type AC/DC adaptor





- Universal AC input / Full range
- Wall mounted type, Isolation class II design
  - ErP step II / CEC level VI compliance
  - No load power consumption P < 0.075W
- Protections: Overload / Short circuit / Over Voltage













ELECTRICAL ST ECHTOATTON		
MODEL	ER15W05V	ER15W15V
ОUТРUТ		
Rated Voltage	5V	15V
Rated Current	3A	1A
Current Range	0 ÷ 3A	0 ÷ 1A
Rated Power	15W	
Line Regulation	± 1%	
Load Regulation	± 5%	
Tolerance [3]	± 8%	
Ripple & Noise (max.) [2]	200mV <sub>p.p</sub>	
Setup, RiseTime [4]	5000ms, 30ms / 230VAC at full load	
Hold up Time (typ.)	4ms / 230VAC at full load	

INPUT			
Voltage Range	90 ÷ 264VAC		
Frequency Range	47 ÷ 63Hz		
Efiiciency (typ.)	81.8%	84.5%	
AC Current (typ.)	0.5A / 115VAC, 0.25A / 230	/AC	
No load Power Consumption (max.)	0.075W		

PROTECTIONS	
Overload	Range: 105-150%
Overtoda	Auto-recovery.
Short Circuit	Type: hiccup mode, auto-recovery.
Over Voltage	Type: auto-recovery.

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## **WORKING ENVIRONMENT**

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 60950-1
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

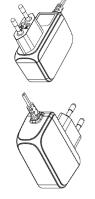
OTHERS		
DC wire and plug	Wire: 18AWG*2C, length = 1500mm	Plug: 2.1/5.5, positive inside
Dimensions	79.2 x 27.6 x 69.1mm (L x W x H)	
Net Weight	105.7g	

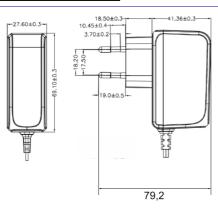


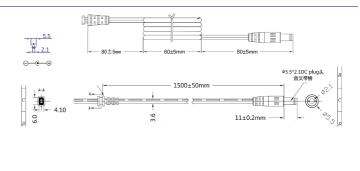


- 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µF i 47µF parallel capacitor.
- 3. Tolerance includes set up tolerance, line 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**







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