ER13W09V series

9V / 1.5A 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 SPECIFICATION

| EEECTIVICATE ST ECHTICATIO | CONSTANT VOLTAGE | _ |
|----------------------------|------------------------------------|---|
| MODEL | ER13W09V | |
| ОUТРUТ | | |
| Rated Voltage | 9V | |
| Rated Current | 1.5A | |
| Current Range | 0 ÷ 1.5A | |
| Rated Power | 13W | |
| Line Regulation | ± 1% | |
| Load Regulation | ± 5% | |
| Tolerance [3] | ± 8% | |
| Ripple & Noise (max.) [2] | 150mV _{P-P} | |
| 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.) | 81.6% |
| AC Current (typ.) | 0.5A / 115VAC, 0.25A / 230VAC |
| No load Power Consumption (max.) | 0.075W |

| PROTECTIONS | | |
|---------------|-----------------------------------|--|
| Overload | Range: 105-200% | |
| | Auto-recovery. | |
| Short Circuit | Type: hiccup mode, auto-recovery. | |
| Over Voltage | Type: auto-recovery. | |

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WORKING ENVIRONMENT

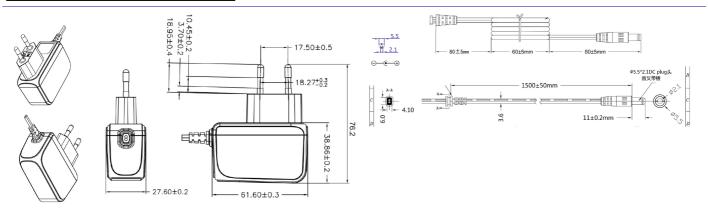
| Working Temperature | 0°C ÷ 40°C |
|----------------------------------|---|
| Working Humidity | 10 ÷ 90% RH non-condensing |
| Storage Temperature and Humidity | -20°C ÷ 85°C, 5 ÷ 90% RH non-condensing |

| 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: 22AWG*2C, length = 1500mm | Plug: 2.1/5.5, positive inside | |
| Dimensions | 76.2 x 27.6 x 61.6mm (L x W x H) | 76.2 x 27.6 x 61.6mm (L x W x H) | |
| Net Weight | 79.9g | 79.9g | |
| EAN Code | 5 902135 126295 | | |

- 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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