

# DATASHEET

## LINEAR POWER SUPPLY

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**VAC INPUT:**

- 15VAC 10A

**VDC OUTPUT:**

- 9.4V-10V
- MAXIMUM CURRENT: 10A

**INPUT RIPPLE FACTOR:**

- 5.4%

**TEMPERATURE RATINGS:**

- RATED AMBIENT TEMPERATURE: 28°C

**FUSING REQUIREMENTS:**

- OUTPUT CURRENT OF GREATER THAN 12A WILL BURN THE FUSE UNDER SHORT CIRCUIT CONDITION
- REPLACE THE BURNED FUSE WITH A 12A GLASS TUBE FUSE



FUSE  
HOLDER

### SHORT CIRCUIT PROTECTION:

- FUSED AT OUTPUT CURRENT OF 12A

### OVERLOAD PROTECTION:

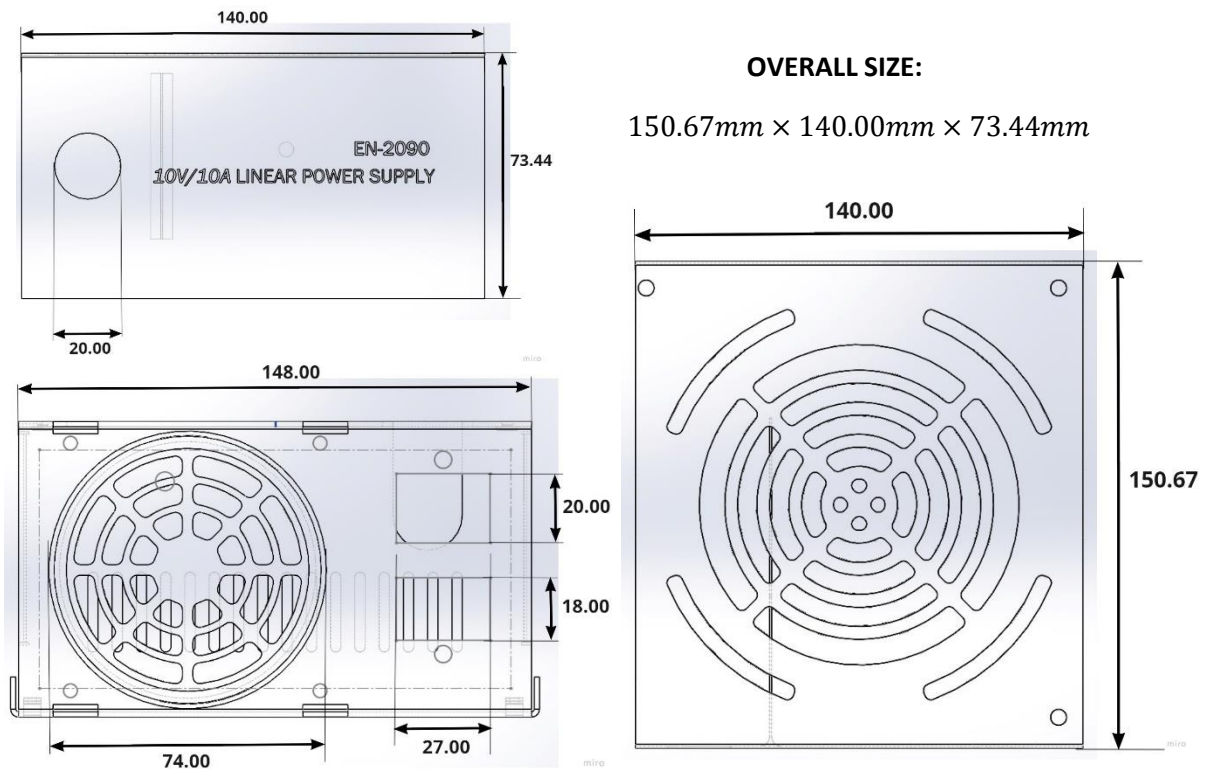
- AUTOMATIC CURRENT LIMIT USING CURRENT SENSING RESISTOR

### EFFICIENCY:

(TESTED LOADS)

LOAD $\Omega$	EFFICIENCY
1.05	51.397%
2	47.323%
3.34	46.829%
4.4	45.655%
5.57	44.584%
6.6	43.887%

### LINEAR POWER SUPPLY CASE:



ALL THE MEASUREMENTS IN THE DIAGRAM ARE IN MILIMETER SCALE