

# Linear Power Supply

---



## 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:

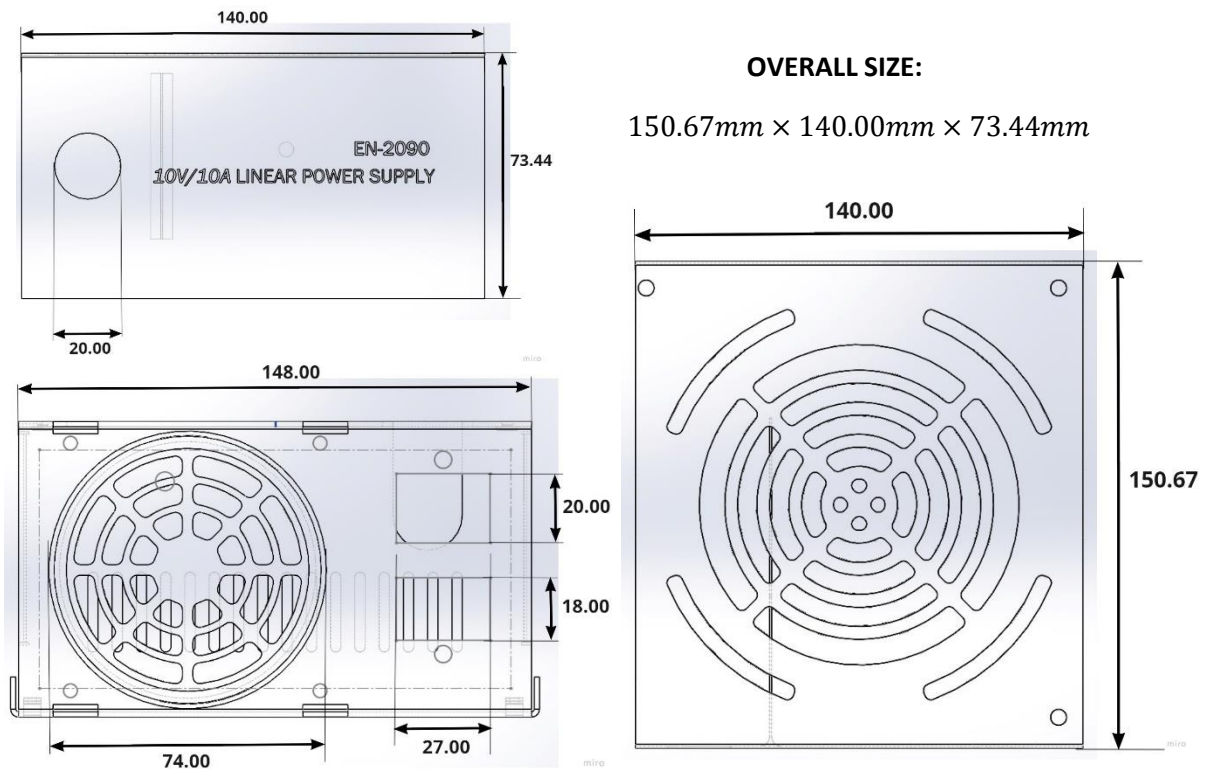
- AUTOMATIC CURRENT LIMIT USING CURRENT SENSING RESISTOR

### 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