



## Features

- Standard Din Rail Mounting Dual Purpose
- Comply with High Efficiency Power 80Plus Criterion
- Output Voltage Monitoring Display
- Convection cooled high Reliability
- Wide Input Range
- 100% burn-in test
- Convection cooled
- 1 year Warranty



DIMENSIONS : 99(H) x 112(D) x 125(W)mm  
WEIGHTS: 1380g

## General specifications

### INPUT

Input range 90~132/180~264VAC(Selectable)  
220~380VDC  
Input frequency 47~63Hz  
Inrush current (25°C) 20A/110VAC  
40A/220VAC

### OUTPUT

Hold-up time 13ms  
Short protection Autorecovery  
Over load protection Automatic power limited

## Detail s pecifications

### 500 Watts

MODEL	O/P Volt Adj. %	Lo ad (C urrent) <sup>1</sup>			Ripple & Noise <sup>4</sup>	Li ne REG. <sup>2</sup>	Lo ad REG. <sup>3</sup>	Efficiency <sup>5</sup>	O.V.P
		Min.	Rated	Max.					
MSPS50068D-LED	V : +68V ±10%	0A	7.35A	7.35A	680mV	±1%	±1%	87% Ref.	76.0 ~ 84.2V

### EMC Standards

EN 55032, EN 55024  
EN 61000-3-3, (EN 61000-4-2,  
EN 61000-4-3, EN 61000-4-4,  
EN 61000-4-5, EN 61000-4-6,  
EN 61000-4-8, EN 61000-4-11)  
LVD: EN 62368-1:2014

### Safety Standards



UL 508  
CE Certified

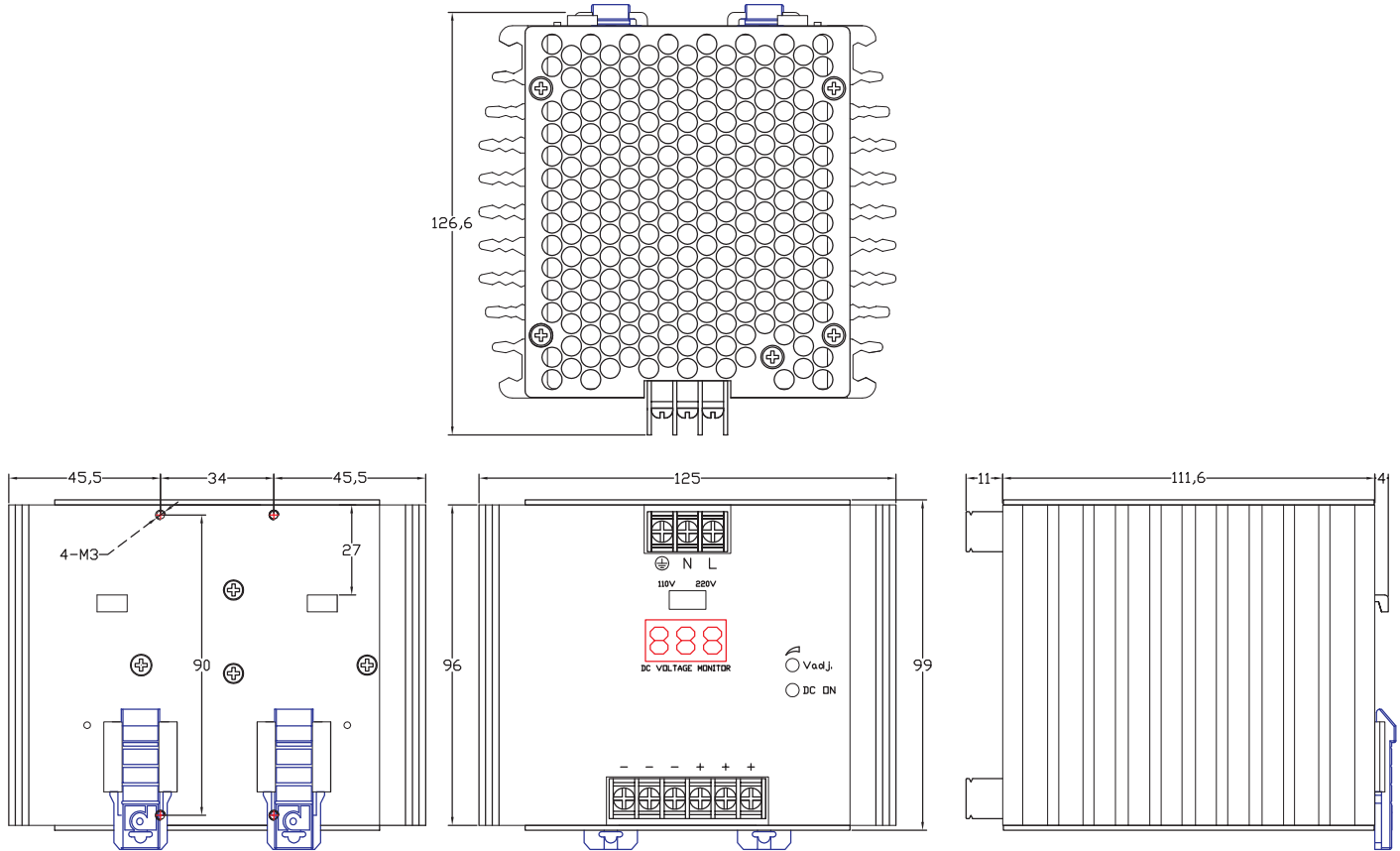
### Environments

Operating Temperature -15 ~ 50°C, Ambient  
Operating Humidity 20 ~ 95% RH, No Condensing  
Storage Temperature -20 ~ 85°C, Ambient  
Vibration 2G, 10~500Hz, 3 axes

- NOTE:
1. Each output can provide up to maximum load, but total load can not exceed rated output power
  2. Line regulation is measured from low line to high line at rated load.
  3. Load regulation is measured from 20% to 100% of rated load at 220VAC input
  4. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
  5. Efficiency is measured at rated load and 220VAC input
  6. Hold-up time is measured at rated load and 220VAC input
  7. Output Voltage Adjustable is measured at 5% of rated load
  8. The product uses Metal Enclosures for cooling. To ensure Lifespan, a minimum Gap of at least 1 cm at the side and 2cm at top and bottom of the product should be observed during installation.

The factory retained the right to modify all specifications without notice

**Mechanical Details**



**Connection Terminal**

Unit : mm  
 Dimension : 99(H)\*111.6(D)\*125(W)  
 Material : Aluminum  
 Color : Original Aluminum

Signal	Description
L	AC Live Input
N	AC Neutral Input
⊕	Grounding (Earth)
+	DC Positive Output Terminal
-	DC Negative Output Terminal
	Display Output Voltage
V adj.	Potentiometer For Output Voltage
DC ON	BLUE LED Power ON Indicator

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