



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 specifications

500 Watts

MODEL	O/P Volt Adj. %	Load (Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	O.V.P
		Min.	Rated	Max.					
MSPS50048D-LED	V : +48V ±10%	0A	10.4A	10.4A	480mV	±1%	±1%	87% Ref.	64.6 ~ 71.4V

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

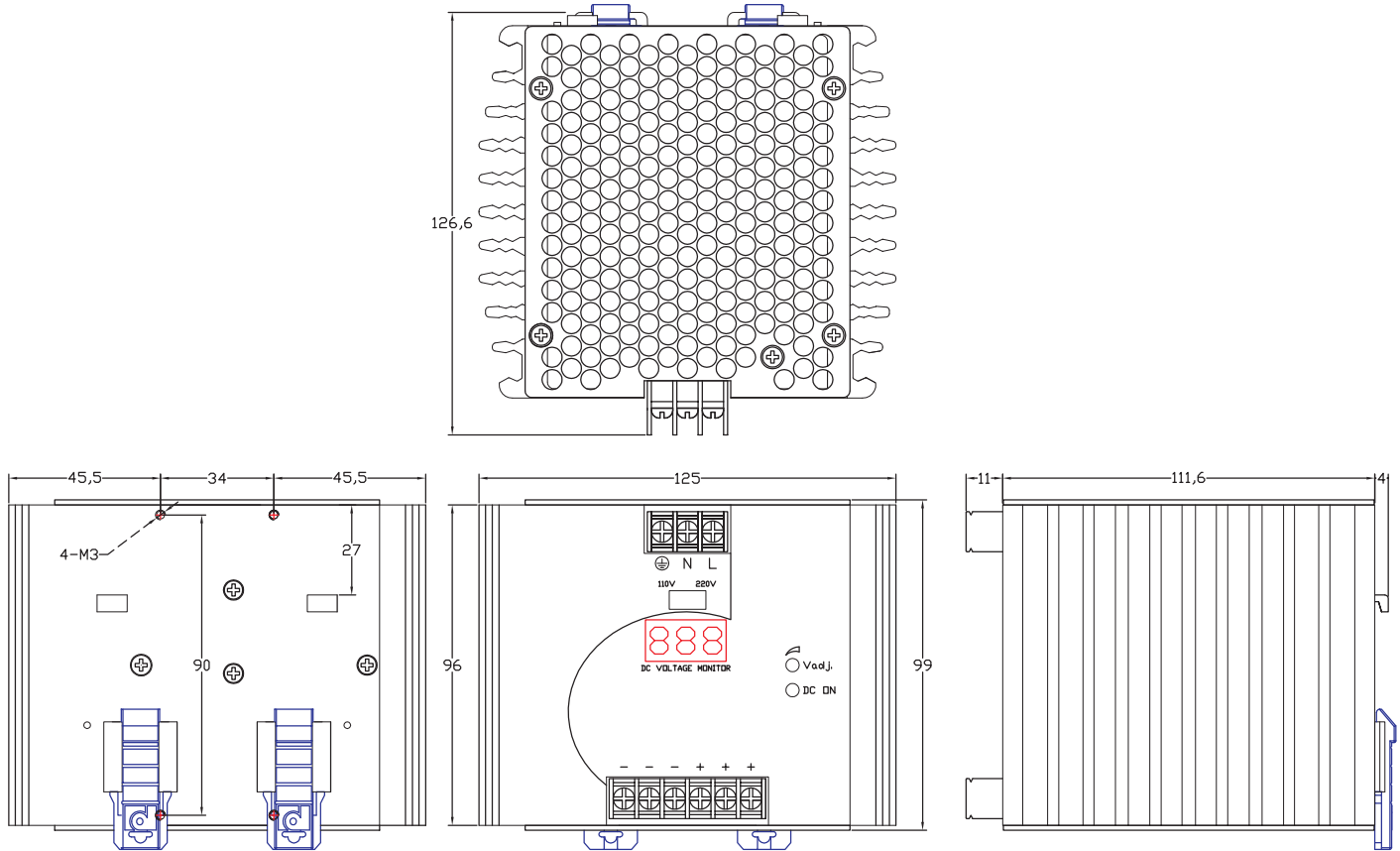
Environments

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
888	Display Output Voltage
V adj.	Potentiometer For Output Voltage
DC ON	BLUE LED Power ON Indicator

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