



Features

- Din Rail/ Screw Mounting Dual Purpose
- No-load Consumption is lower than 0.3W
- Comply with high Efficiency Power 80Plus Criterion
- Comply with 2010 Energy Conservation Power ErP Regulation
- Output Voltage Monitor Display
- Convection cooled
- Wide input range
- 100% burn-in test
- 1 year Warranty



DIMENSIONS : 102(H) x 75.5(D) x 45(W)mm
WEIGHTS: 181g

General specifications

INPUT

Input range	90~264VAC 127~380VDC
Input frequency	47~63Hz
Inrush current (25 C) ^o	20A/110VAC 40A/220VAC

OUTPUT

Hold-up time	13mS
Short protection	Autorecovery
Overload protection	Automatic Power Limited

Detail specifications

50 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.					
MSPS05012D-LED	V1: +12V ± 10%	0A	4.2A	4.2A	120mVp-p	±1%	±1%	85% Ref.	17.1 ~ 18.9V

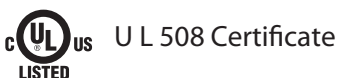
EMC Standards

EN 55022 CLASS A
EN 61000-3-3,
EN 55024 (IEC 61000-4-2, IEC 61000-4-3,
IEC 61000-4-4, IEC61000-4-5, IEC 61000-4-6,
IEC 61000-4-8 IEC 61000-4-11)

Environments

Operating Temperature	-15 ~ 50 ^o C, Ambient
Operating Humidity	5 ~ 95% RH, No Condensing
Storage Temperature	-20 ~ 85 ^o C Ambient
Vibration	2G, 10~500Hz, 3 axes

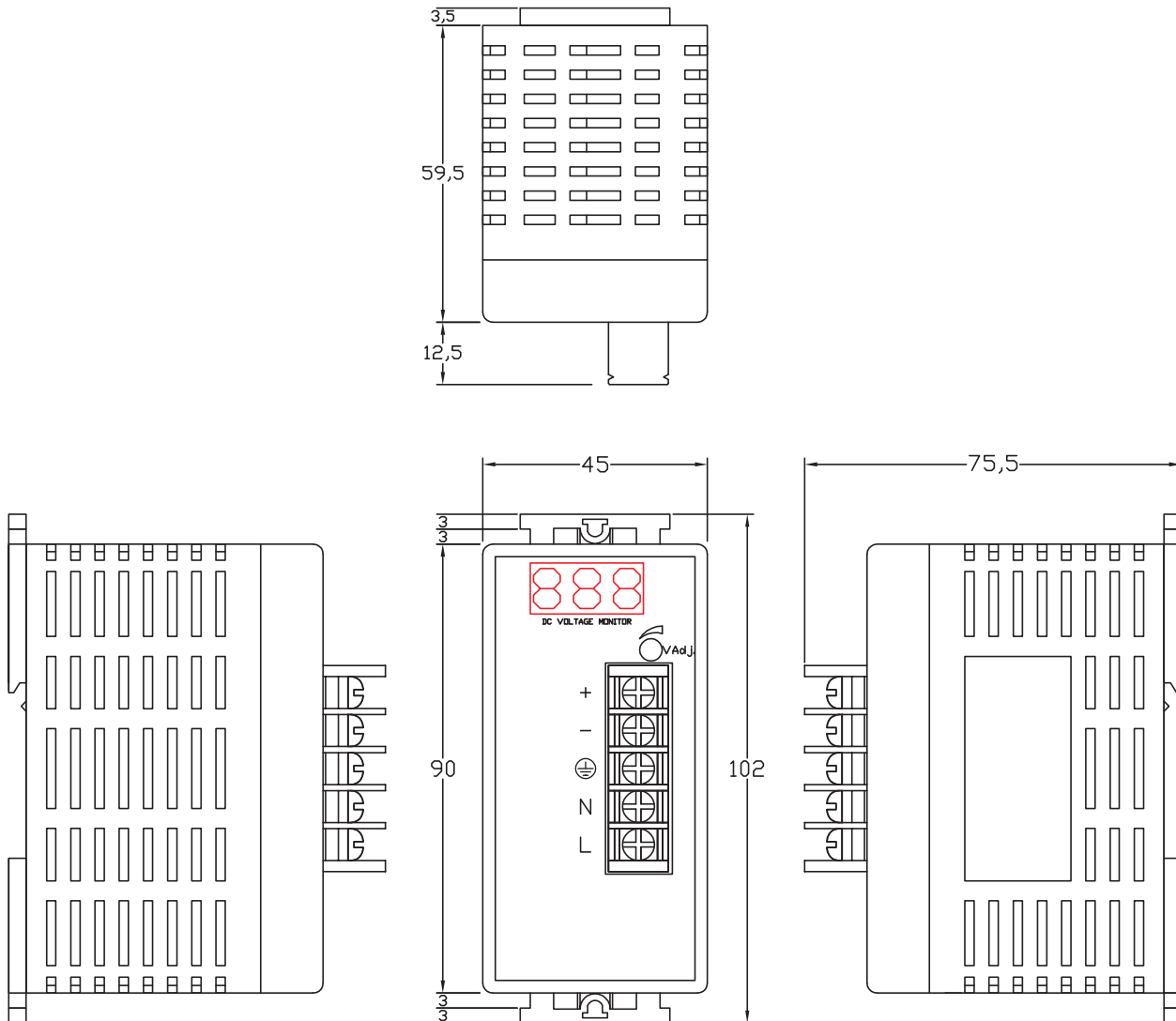
Safety Standards



- 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 paralle capacitor.
 5. Efficiency is measured at rated load and 220VAC input.
 6. Hold-up time is measured at rated load and 220VAC input.

The factory retained the right to modify all specifications without notice

Mechanical Details



Connection Terminal

Unit : mm
 Dimension : 102(H)*75.5(D)*45(W)
 Material : Plastic
 Color : Grey

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

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