



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 Monitoring Display
- 100% burn-in test
- Convection cooled
- 200,000 Hrs MTBF
- 1 year Warranty



DIMENSIONS : 100(H) x 83(D) x 49(W)mm
WEIGHTS: 390g

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

Overload protection Automatic Power Limited

Detail specifications

150 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.					
MSPS15012D-LED	V1: +12V ±10%	0A	12.5A	12.5A	120mVp-p	±1%	±1%	86% Ref.	17.1 ~ 18.9V

EMC Standards

EN55022 CLASS A
EN61000-3-3
EN55024(IEC61000-4-2,
IEC61000-4-3, IEC61000-4-4
IEC61000-4-5, IEC61000-4-6
IEC61000-4-8, IEC61000-4-11)

Safety Standards

UL 508 C certificate

CE Marking

Environments

Operating Temperature -15 ~ 50 °C, Ambient

Operating Humidity 5 ~ 95% RH, No Condensing

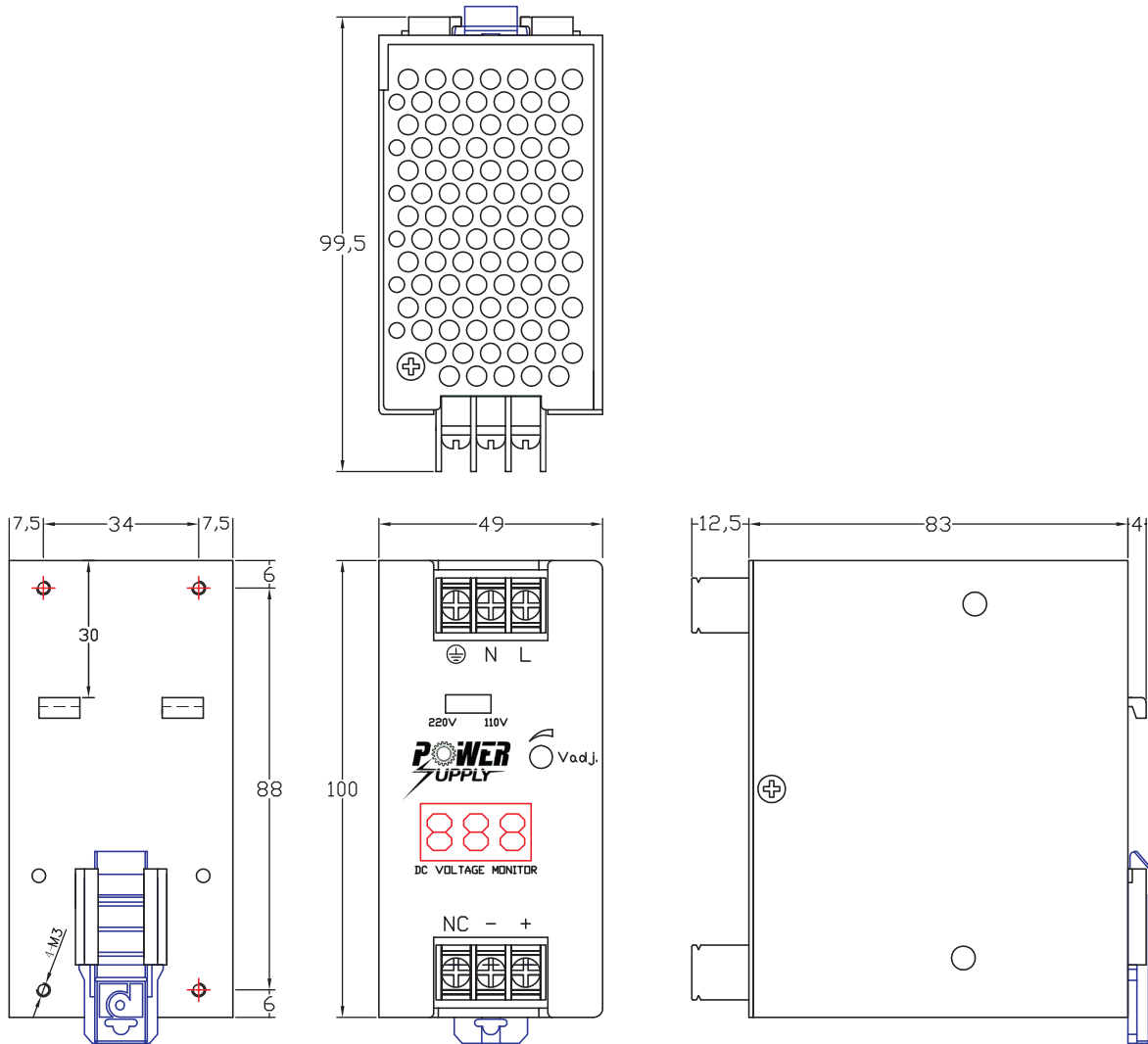
Storage Temperature -20 ~ 85 °C, Ambient

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 is measured by using a 0.1uF/630V metalized capacitor & a 47uF electrolytic capacitor parallel on the test point, at rated load and 220VAC input.
 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 : 100(H) x 83(D) x 49(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
NC	No Connection Terminal
DC Voltage Monitor	Display Output Voltage
V adj.	Potentiometer For Output Voltage

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