



Features

- Standard/Din Rail 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 years warranty



DIMENSIONS: 100(H)*83(D)*49(W)mm
WEIGHTS: 365g

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

100 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.					
MSPS10012D-LED	V1: +12V ±10%	0A	8.3A	8.3A	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,
IEC 61000-4-5 IEC 61000-4-6,
IEC 61000-4-8 IEC 61000-4-11)

Safety Standards

UL 508 Certificate
 CE Marking

Environments

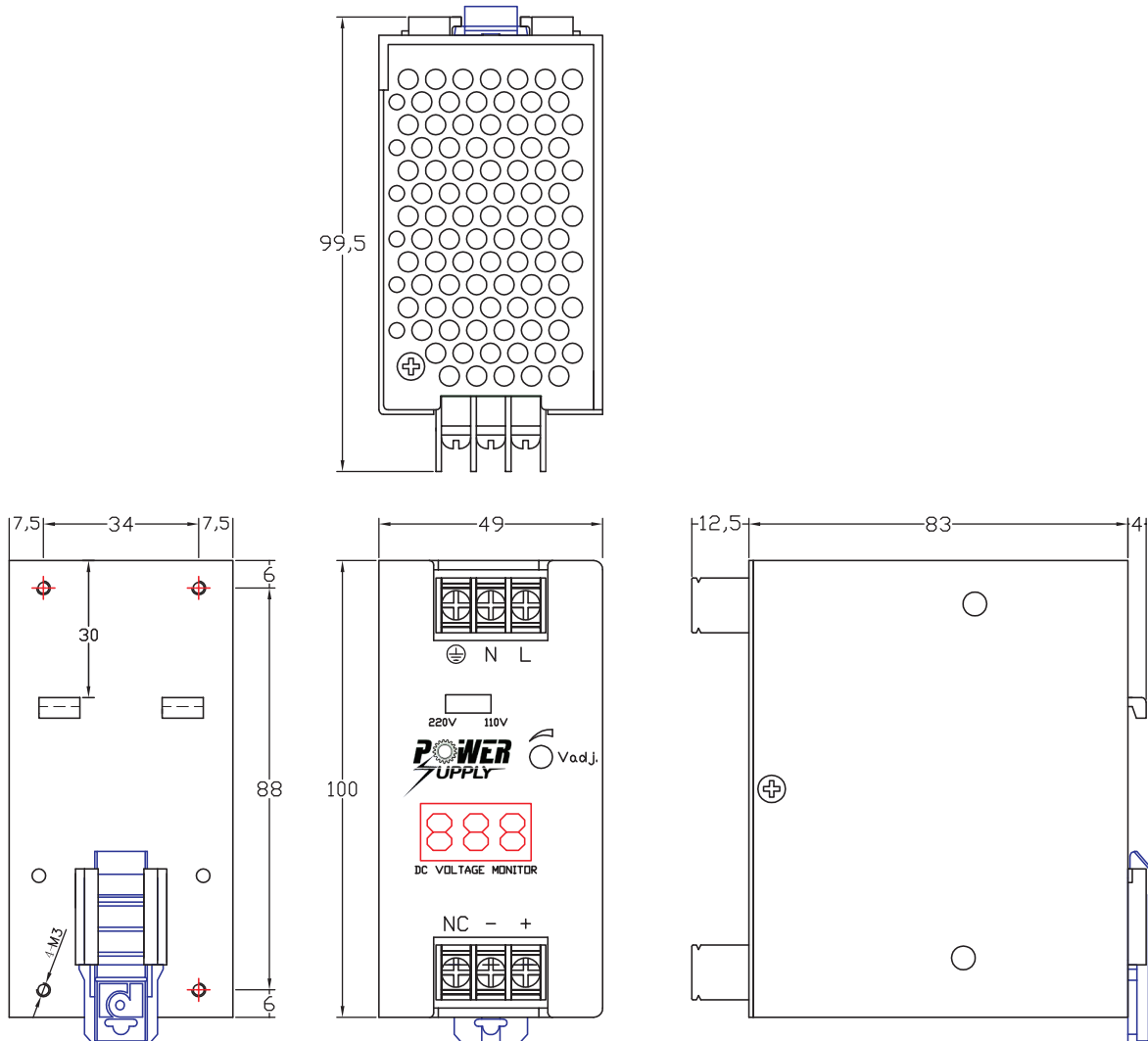
Operating Temperature -15 ~ 50°C, Ambient
Operating Humidity 5 ~ 95% RH, No Condensing
Storage Temperature -20 ~ 85°C, Ambient
Vibration 2G, 10~500Hz, 3 axes

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 at 20MHz 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.

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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