



All the patents are held accountable counterfeiting.

## Features



## Green Power

- Adjustable output voltage and LED display on the panel
- Standard/Din Rail Mounting Dual Purpose, meet EU EN 43880 installation dimension standard 4SU
- No-load Consumption is lower than 0.3W
- Easy mounting (one-step installation)
- Comply with High Efficiency Power 80Plus Criterion
- 91% High Efficiency
- Split rail & Series connection possible
- Convection cooled high reliability
- EN 62368 approved
- 2 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS: 52.5(H)\*90.7(D)\*70(W)mm

WEIGHTS: 254g

## General specifications

## INPUT

Input range 90~264VAC  
120~380VDC

Input frequency 47~63Hz

Max. I/P current / Inrush current (25°C) 1.82A/35A@110VAC  
0.96A/70A@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) <sup>1</sup>			Ripple & Noise <sup>4</sup>	Line REG. <sup>2</sup>	Load REG. <sup>3</sup>	Efficiency <sup>5</sup>	O.V.P
		Min.	Rated	Max.					
DLP1100D-12F	V : +12V ±10%	0A	8.3A	8.3A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
DLP1100D-24F	V : +24V ±10%	0A	4.2A	4.2A	240mV	±1%	±1%	89% Ref.	31.4 ~ 34.7V
DLP1100D-48F	V : +48V ±10%	0A	2.1A	2.1A	480mV	±1%	±1%	91% Ref.	64.6 ~ 71.4V

## CE Standards

EN 55032, EN 55035,  
EN 61000-3-2, 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)  
Heavy Industry level, criteria A  
LVD: EN 62368-1

## Safety Standards



UL 508 Meet



CE Marking

## Environments

Operating Temperature -15 ~ 50°C, Ambient

Operating Humidity 20 ~ 90% RH, No Condensing

Storage Temperature -20 ~ 85°C, Ambient

Vibration 2G, 10~500Hz, 3 axes

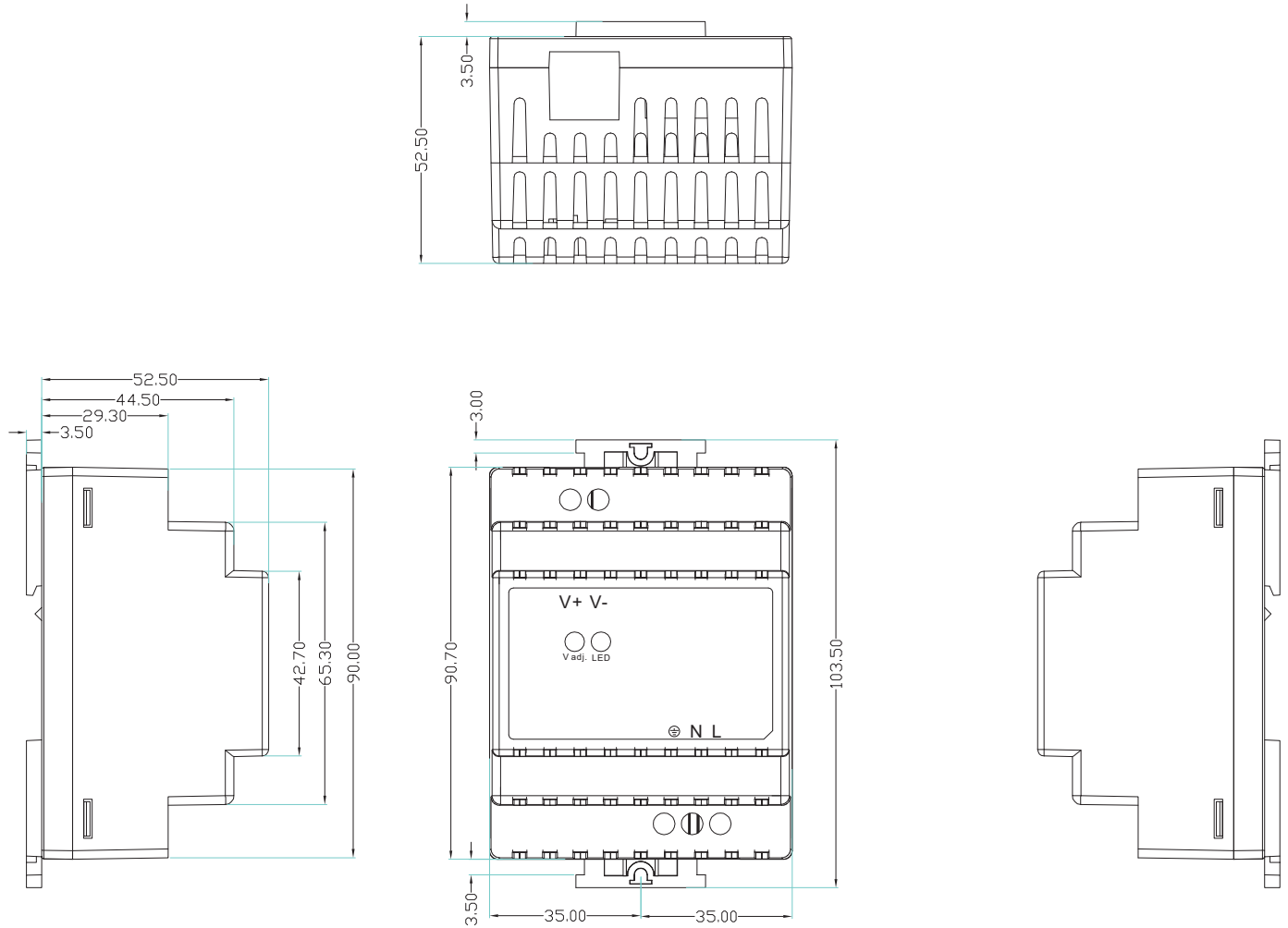
## NOTE

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 with 20MHz oscilloscope at 220VAC by using a 20cm long 12" twisted pair-wire with a 0.1uF/630V metal capacitor & a 47uF electrolytic capacitor parallel on the test point.
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 on 5% of rated load.
8. Reign Power reserve the right to change specifications at any time without notice.



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Mechanical Details



Panel Designation

CASE NO. : DLP1100D  
UNIT : mm  
DIMENSION : 52.5(H)\*90.7(D)\*35(W)  
MATERIAL : PLASTIC  
COLOR : BLACK

Symbol	Description
N	Neutral Terminal Of AC Input (No Polarity At DC Input)
L	Line Terminal Of AC Input (No Polarity At DC Input)
⊕	Grounding (Earth)
V-	DC Negative Output Terminal
V+	DC Positive Output Terminal
LED	Green LED Indicator
V adj.	Potentiometer For Output Voltage