

Features



Green Power

- 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(Except 5V)**
- “ Output Voltage Monitor ” Display
- Convection cooled
- Wide input range
- 100% burn-in test
- **Output modify range: 3V~200VDC**



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

General specifications

INPUT

Input range 90~264VAC  
127~380VDC  
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

40~50 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.					
FUS-40D-05	V : +5V ±10%	0A	8.0A	8.0A	50mV	±1%	±1%	81% Ref.	7.13 ~ 7.88V
FUS-50D-12	V : +12V ±10%	0A	4.2A	4.2A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
FUS-50D-24	V : +24V ±10%	0A	2.1A	2.1A	240mV	±1%	±1%	86% Ref.	31.4 ~ 34.7V

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 61000-4-5IEC 61000-4-6,  
IEC 61000-4-8IEC 61000-4-11)

Safety Standards

UL 508 Certificate  
 CE Marking

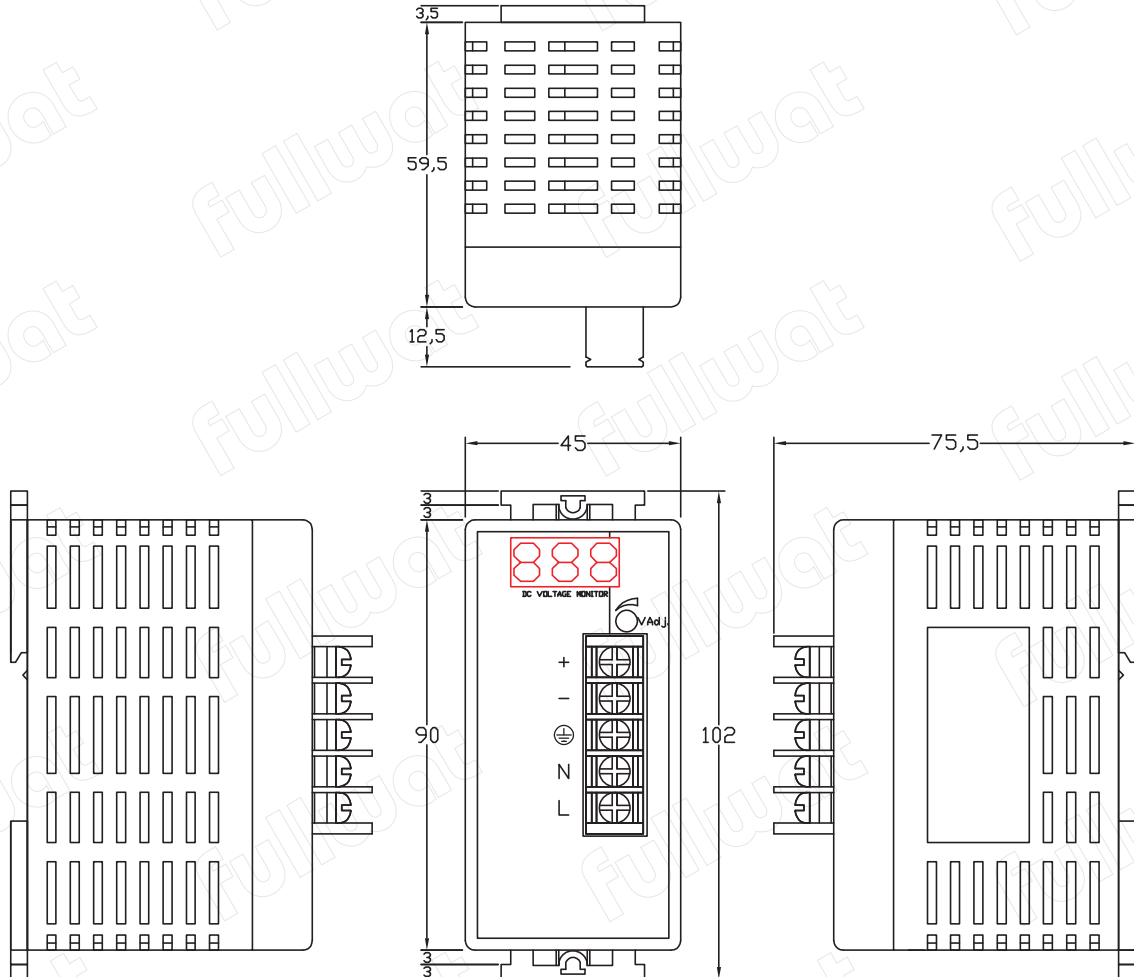
Environments

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 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. Fullwat reserve the right to change specifications at any time without notice.

**Mechanical Details**



**Panel Designation**

**CASE NO. : CS024DR**  
**UNIT : mm**  
**DIMENSION : 102(H)\*75.5(D)\*45(W)**  
**MATERIAL : PLASTIC**  
**COLOR : GRAY**

Single	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)
-	DC Negative Output Terminal
+	DC Positive Output Terminal
DC Voltage Monitor	Display Output Voltage
V adj.	Potentiometer For Output Voltage