

Features



Green Power

- Standard/Din Rail Mounting Dual Purpose
- Comply with High Efficiency Power 80Plus Criterion
- “ Output Voltage Monitor ” Display
- Convection cooled high reliability
- Wide input range
- 100% burn-in test
- Output modify range: 3V~200VDC

DIMENSIONS:99(H)*112(D)*125(W)mm

WEIGHTS: 1380g

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

450~500 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.					
FUS-500D-12	V : +12V ±10%	0A	37.5A	41.7A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
FUS-500D-24	V : +24V ±10%	0A	20.8A	20.8A	240mV	±1%	±1%	89% Ref.	31.4 ~ 34.7V
FUS-500D-36	V : +36V ±10%	0A	13.9A	13.9A	360mV	±1%	±1%	88% Ref.	47.8 ~ 53.2V
FUS-500D-48	V : +48V ±10%	0A	10.4A	10.4A	480mV	±1%	±1%	87% Ref.	64.6 ~ 71.4V

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 LISTED US UL 508 Certificate
CE CE Marking

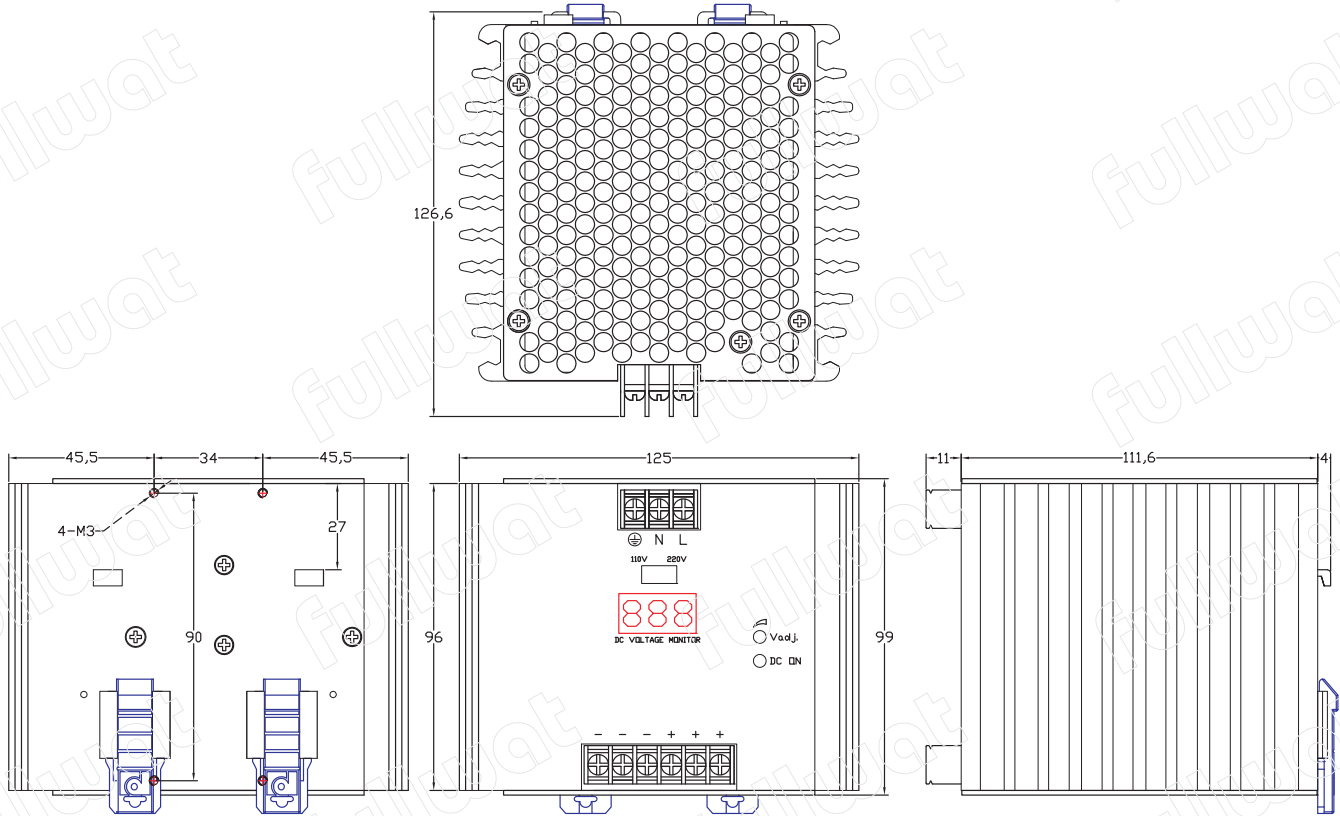
Environments

Operating Temperature -15 ~ 50C, Ambient
Operating Humidity 5 ~ 95% RH, No Condensing
Storage Temperature -20 ~ 85C, 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. : CS500DR-B
UNIT : mm
DIMENSION : 99(H)*111.6(D)*125(W)
MATERIAL : ALUMINUM
COLOR : ORIGINAL ALUMINUM

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