

Features



DIMENSIONS : 151(L) x 99(W) x 50(H)mm

- Fan cooled
- 100% burn-in test
- Build-in line filter
- Great reliability
- MOSFET designed
- 240,000 Hrs MTBF per MIL-HDBK-217F
- 1 year Warranty
- **Output modify range: 3V~200VDC**
- **Split rail & Series connection possible**

General specifications

INPUT

Input range	110/220VAC ±15% (Selectable) 220~380VDC
Input frequency	47~63Hz
Inrush current (25°C)	25A/110VAC 50A/220VAC

OUTPUT

Hold-up time	13mS
Short protection	Autorecovery
Overload protection	Automatic power limited

Detail specifications



250 ~ 300 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵
		Min.	Rated	Max.				
FUS-250-05	V1: +5V ±10%	0A	50A	50A	70mVp-p	±1%	±1%	74% Min.
FUS-300-12	V1: +12V ±10%	0A	25A	25A	120mVp-p	±1%	±1%	75% Min.
FUS-300-24	V1: +24V ±10%	0A	12.5A	12.5A	240mVp-p	±1%	±1%	77% Min.
FUS-300-48	V1: +48V ±10%	0A	6.25A	6.25A	480mVp-p	±1%	±1%	79% Min.

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/CSA 60950 Meet
 CE 60950 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 110VAC 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 110VAC input.
 5. Efficiency is measured at rated load and 110VAC input.
 6. Hold-up time is measured at rated load and 110VAC input.

All Specifications be retained the right to modify by fullwat®

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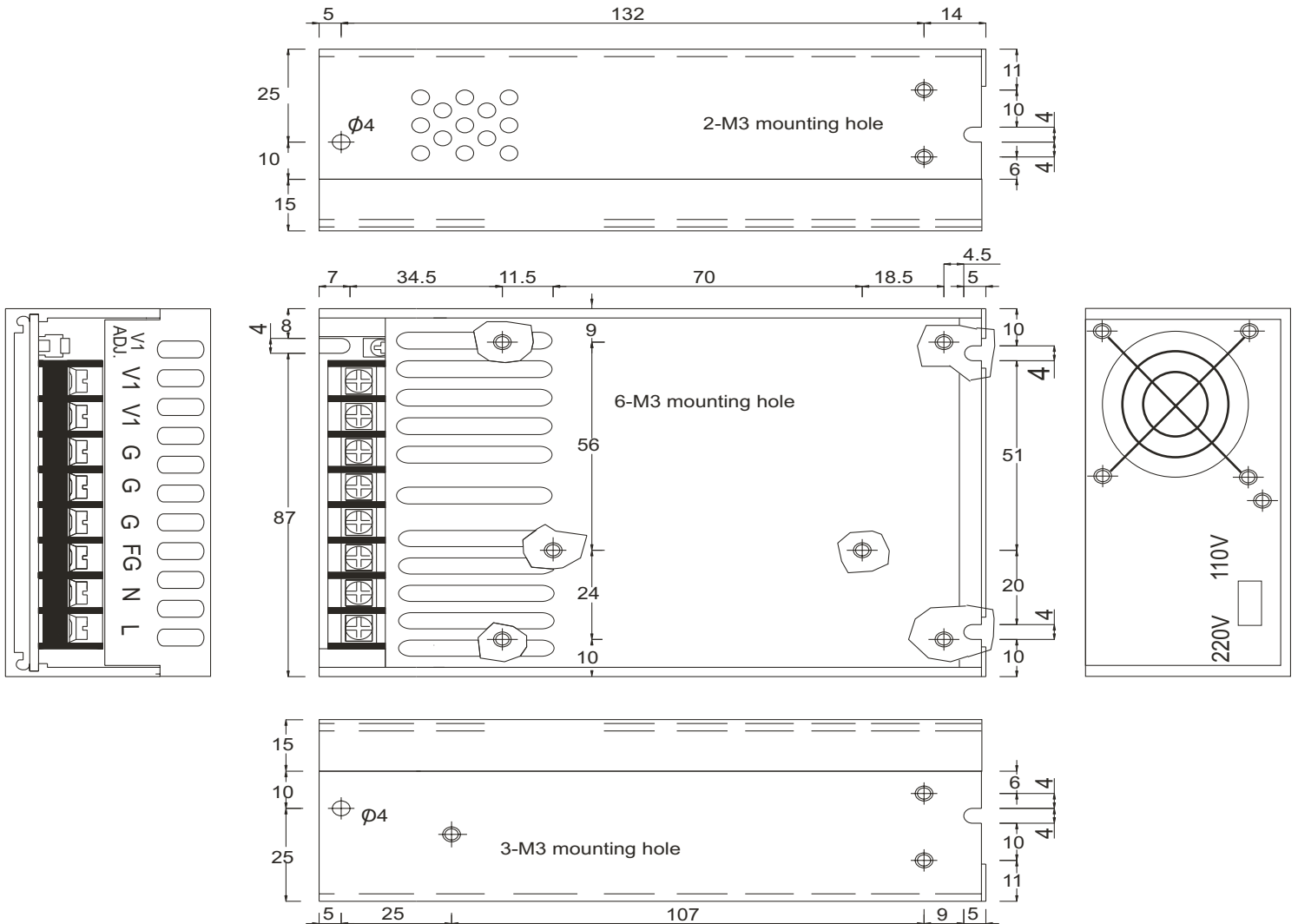
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Mechanical Details



Panel Designation

PCB Barrier Terminal Block

UNIT : mm
 CASE NO. : CS300M
 MATERIAL : ALUMINUM
 COLOR : BLACK
 DIMENSIONS : 151(L) x 99(W) x 50(H)mm

Pin	Single	Description
1	L	L : Line Terminal of Input N : Neutral Terminal of Input FG : Ground (Earth) No Polarity At DC Input
2	N	
3	FG	
4	G	G : DC Output Ground Terminal Vx : DC Output Terminal (Specify at spec.)
5	G	
6	G	
7	V1	
8	V1	

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