

# OPEN FRAME POWER SUPPLY 48VDC 200WATT

STONTRONICS: PSF-200-48



## Features:

- Universal Input
- High Efficiency
- 3 Year Warranty
- Efficiency Level VI

## Description:

The 200W open frame power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. Each model is approved to CE, CB, UL and comes with a 3 year warranty.

SPECIFICATION		
Part Number	PSF-200-48	
DC Voltage	48V	
Rated Current	4.16A	
Current Range	0~4.16A	
Ripple & Noise	0~70°C	<120mV
	-20~0°C	<240mV
Voltage ADJ. Range	±10% of rated output voltage,	
Line Regulation	±0.5%	
Load Regulation	±2.0%	
Set-up Time	≤2S (230VAC input, Full load) & ≤4S (115VAC input, Full load)	
Hold up Time	≥16mS/150W 10mS/200W ( 115 / 230VAC IN AT FULL LOAD )	
Temperature Coefficient	±0.03%/	
Overshoot and Undershoot	<5.0%	
Input voltage range	90Vac~264Vac,127Vdc~370Vdc	
Input frequency range	47Hz~63Hz	
Efficiency 115Vinput	90%	
AC Current (max.)	3A	
Inrush current	<50A@230Vac <30A@115Vac Cold start	
Leakage Current	≤3.5mA	
Over Load	105%~150% of rated output current, hiccup mode, auto recovery	
Over Voltage	125%~150% of rated output voltage, hiccup mode, auto recovery	
Short Circuit	Long-term mode, auto recovery	
Operating amb. Temp. & Hum.	-20°C~70°C; 20%~90%RH No condensing	
Storage Temp. & Hum.	-40°C~85°C; 10%~95%RH No condensing	
Safety Standards	UL60950-1; EN60950-1: 2006	
Withstand Voltage	Primary-Secondary:3.0KV <sub>a</sub> ; ≤10mA. Primary-PG:1.5KV <sub>ac</sub> ; ≤10mA. Secondary-PG:0.5KV <sub>DC</sub> ; ≤10mA.	
Isolation Resistance	≥10M ohms	
MTBF	More than 100,000Hrs	
Dimension (L*W*H)	128×76.5×34.6 mm	

## General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

## STONTRONICS

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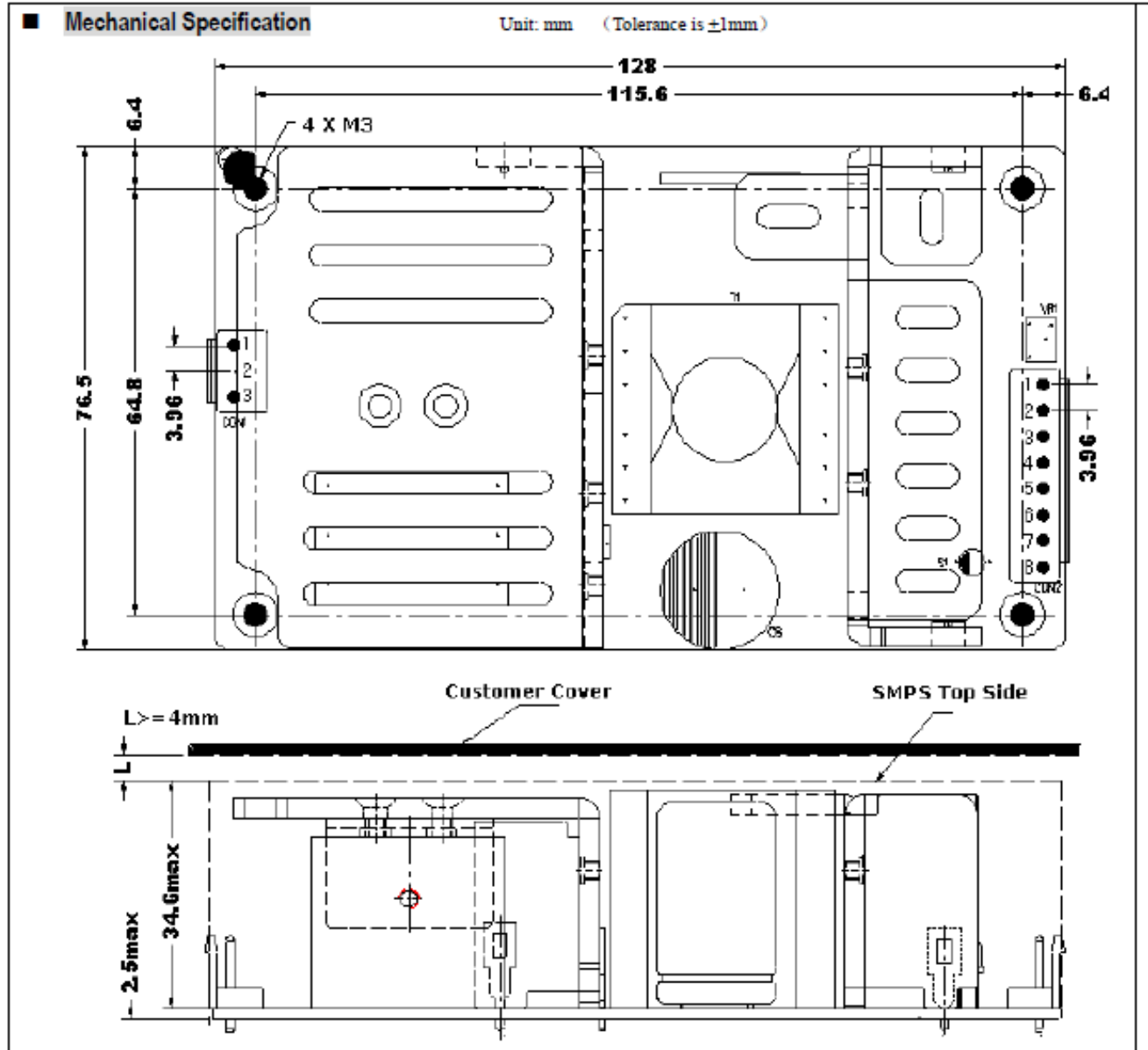
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### Diagrams



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