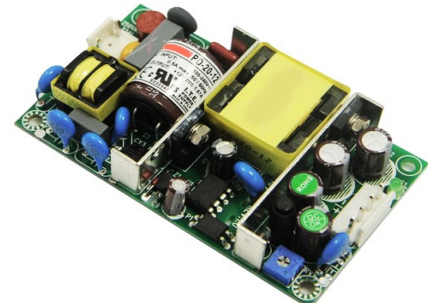


# OPEN FRAME POWER SUPPLY 48VDC 20WATT

## STONTRONICS: PD-20-48



### Features:

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

### Description:

The 20W 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	PD-20-48	
DC Voltage	48V	
Rated Current	0.42A	
Current Range	0~0.42A	
Ripple & Noise	0°C~60°C	<100mV
	-20°C~0°C	<100mV
Voltage ADJ. Range	45.6~50.4V	
Line Regulation	±0.5%	
Load Regulation	±2.0%	
Set-up Time	<2.0S (115Vac input, Full load); <1.0S (230Vac input, Full load)	
Hold up Time	>10mS (115Vac input, Full load); >20mS (230Vac input, Full load)	
Temperature Coefficient	±0.03%	
Overshoot and Undershoot	<5.0%	
Input voltage range	85Vac~264Vac,120Vdc~370Vdc	
Input frequency range	47Hz~63Hz	
Efficiency 115Vacinput	80%	
AC Current (max.)	0.5A	
Inrush current	Cold start 20A@115Vac 40A@230Vac	
Leakage Current	Input—output:<0.35mA Input—PG:<0.75mA	
Over Load	105%~150% rated output power; Hiccup mode, auto recovery	
Over Voltage	110%~140% of rated output voltage, Constant Voltage.	
Short Circuit	Long-term mode, auto recovery	
Operating amb. Temp. & Hum.	-25°C~70°C; 20%~90%RH No condensing (refer to the derating curve)	
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>a</sub> ; ≤10mA. Secondary-PG:0.5KV <sub>D</sub> C; ≤10mA.	
Isolation Resistance	≥100M ohms	
MTBF	More than 200,000Hrs (25°C, Full load)	
Dimension (L*W*H)	89×51×20mm	

### 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

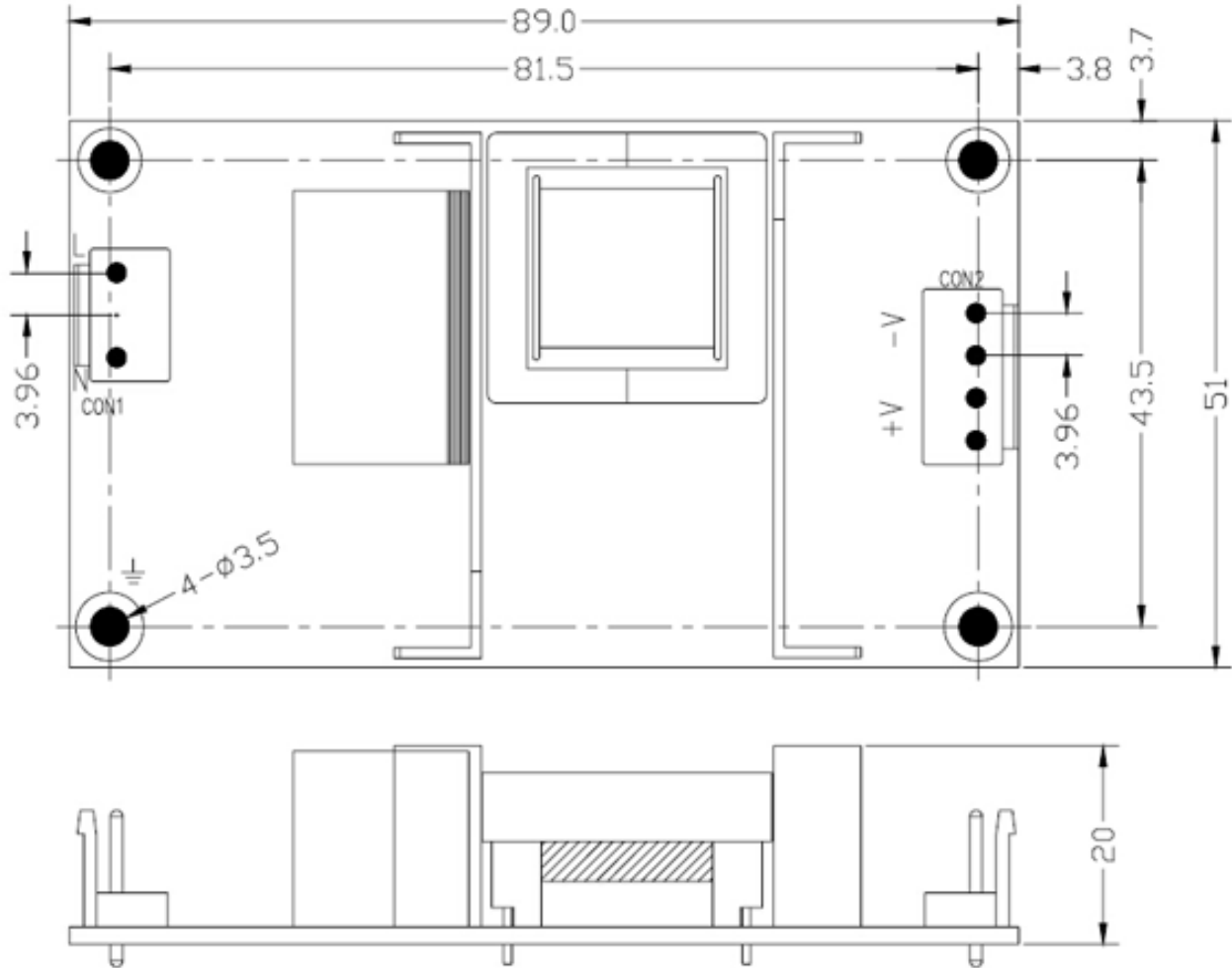
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# OPEN FRAME POWER SUPPLY 48VDC 20WATT



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## Diagrams



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