TEM0930 Series

Ultra-low ripple Modular Power Supply | AC/DC , 50W , single-pole switch

- Ultra-low ripple & noise
- Significant reduction of common mode noise
- Low conducted emission, low radiated emission
- Floating output, high stability
- Low leakage current (0.15mA/at 264Vac)
- Primary-secondary dielectric strength 4k VAC(1min)

Product Information:

Teslaman made Superior Ultra Low Noise AC/DC Switching Power Supply The TEM0930 series, further reduces noise to the Superior Ultralow level and provides clean DC power with a complex resonant converter. The EM50A switching power supply is an ideal for noise-sensitive applications, especially the equipment used in advanced hyperfine measurement, testing and medical & biotechnology elds.

Typical Application:

Semiconductor testing; Electrostatic application; Material analysis; Electron microscopy; Other scientific research.

Specifications:

Input	Rating AC100~240V (Range: AC85~264V) Rating 50/60Hz (Range:47~63Hz), 0.8A/0.5A.
Output	24VDC 2.1A 50.4W(Max).
Line Regulation	96mV (0.04%).
Load Regulation	150mV (0.625%).
Ripple	1mV (p-p).
Environmental	Operational:-10 °C to 60 °C. Storage:-20 °C to 85 °C.
Humidity	10% ~ 95% R, Non condensing.
Efficiency	80%.
Cooling System	Convection.
Protection	Over-voltage, over-current.
Interface	Analog 8 pin connection.
Dimension	W82mm, H42mm, D178.5mm.
Weight	500g.

Description for model code

Model code represent the property and parameters:

Rated output voltage unit V;

Rated output power, unit W;

Polarity, D for differential (floating) output

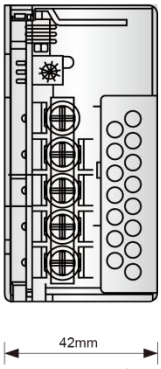
TEM0930 D 24 - 50

Model | Differential | Rated voltage | Rated power

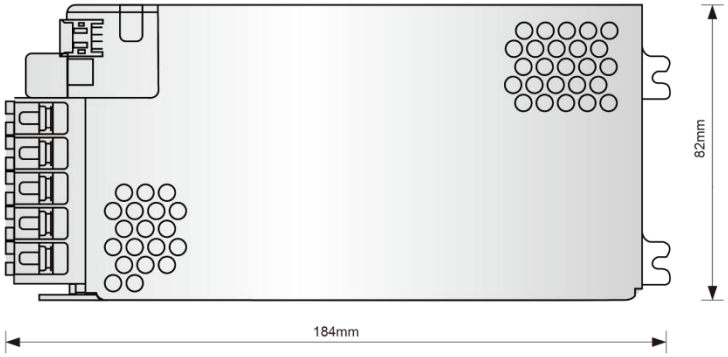
TEM0930 Series model selection table(Customizable):

Rated Value		Model
V	A	
5	10	TEM0930D5-50
12	4.2	TEM0930D12-50
15	3.4	TEM0930D15-50
24	2.1	TEM0930D24-50
*30	1.7	TEM0930D30-50
*48	1.1	TEM0930D48-50

Dimension:mm



Front View



Top View

Side View