



# PS-480W-48V

Enclosed DC Power Supply

UNIT CODE	DESCRIPTION
PS-480W-48V	480 Watt, 48V, Single Output Enclosed Switching DC Power Supply

SPECIFICATIONS		
Input	Output	Agency approvals
Universal AC input 100-240VAC@50-60Hz	+48VDC@0-10A	UL/CUL/TUV/CE

### Features at a Glance:

- 100% full-load burn-in
- Universal AC input
- No minimum load required
- Auto cooling fan
- Remote control
- Three-year warranty
- 3.6 watts/in<sup>3</sup>
- 105°C output capacitor
- 10° to +60°C working temperature
- Watts: 480
- Input voltage: 100-240VAC@50-60Hz
- Power density: 3.60W/in<sup>3</sup>
- Ripple & noise: 240mV p-p
- Load reg.: ±0.5%
- Line reg.: ±0.5%
- Inrush current (A) @ 120VAC: 18
- Isolation voltage: 3000
- Leakage current: 3.5mA @ 240V
- Rise time: 50ms
- Hold up time: 20ms
- Vibration: 10-500HZ; 2G
- Voltage adjustment: 10%
- Efficiency: 85.5%
- MTBF hours: 133,000
- Weight: 4.2 lbs. (1.8 Kgs)
- Dimensions: 7.3"L X 4.8"W X 3.8"H  
170 x 120 x 94 mm



This advanced switcher line is part of Mean Well's family of premium power supplies that carry an unusually long three-year manufacturers warranty. Their performance, reliability and low cost result from a modern state-of-the-art design using highly integrated components. The SP-500 offers input Power Factor Correction of 0.98 at 115VAC that meets EN61000-3-2, required in Europe for power supplies 75 watts and above. Assured to operate correctly anywhere in the world, these enclosed switchers feature universal voltage input ranges of 88-264VAC and 124-370VDC. The PS-500 is cooled with an automatic internal fan. These products are approved by UL, CUL, and TUV; and carry the CE mark, for use worldwide. EMC standards met are EN55022 Class B and EN61000-4-2/3/4/5/6/8/11..

Pricing:	1+	\$ 367.50
	10+	\$ 331.00
	100+	\$ 277.00
<b>electracool.com</b>		



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For Information Call

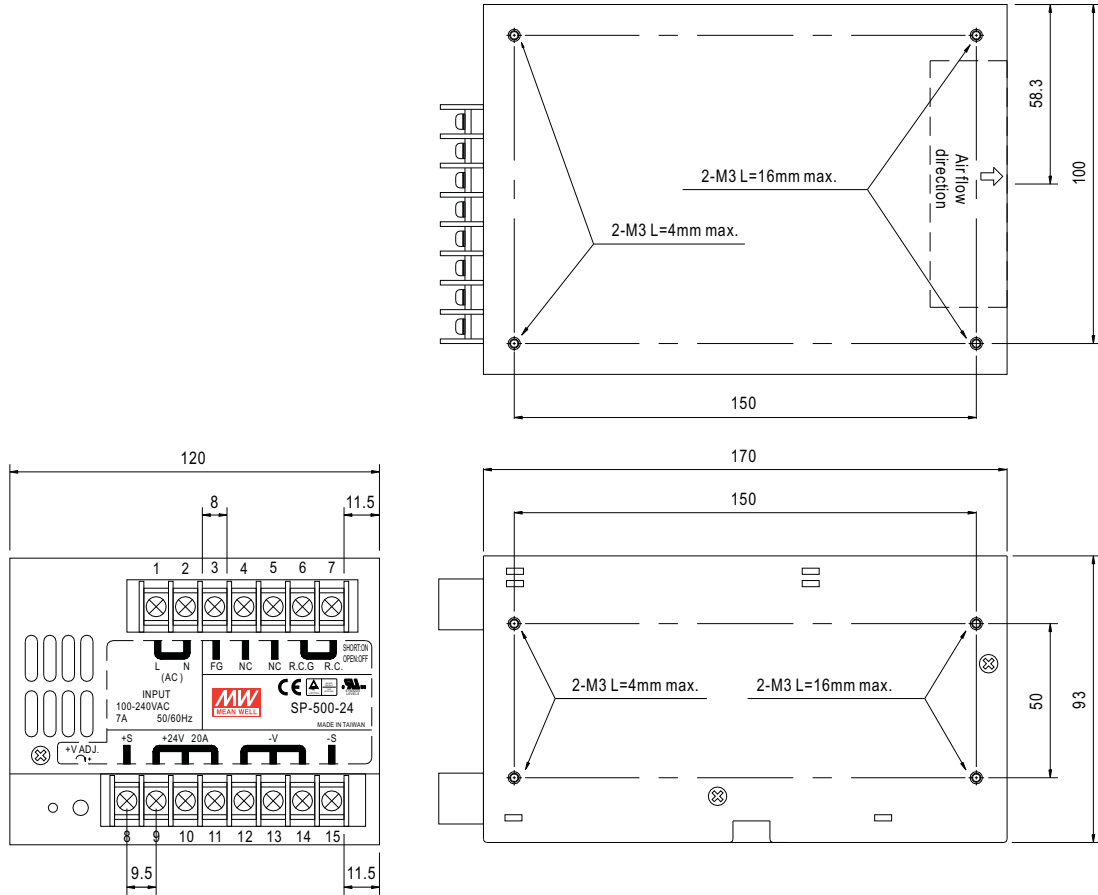
**1 866-665-5434**

international Inquiries (603) 888-2467  
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■ Mechanical Specification

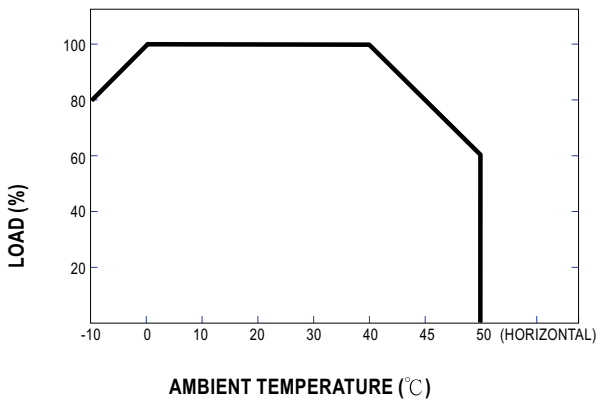
Case No. 910 Unit:mm



Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	NC	8	+S	15	-S
2	AC/N	6	R.C. G	9~11	DC OUTPUT +V		
3	FG ≐	7	R.C.	12~14	DC OUTPUT -V		

■ Derating Curve



■ Output Derating VS Input Voltage

