



POS-350-12

SINGLE OUTPUT SWITCHING POWER SUPPLY 350W



■ Features:

- Output protections: Short circuit / Overload
- Cooling by forced air convection
- 100% full load burn-in test
- Power On LED Indicator
- Universal AC input range (USA or EU) selectable by switch
- Low price

ELECTRICAL SPECIFICATION

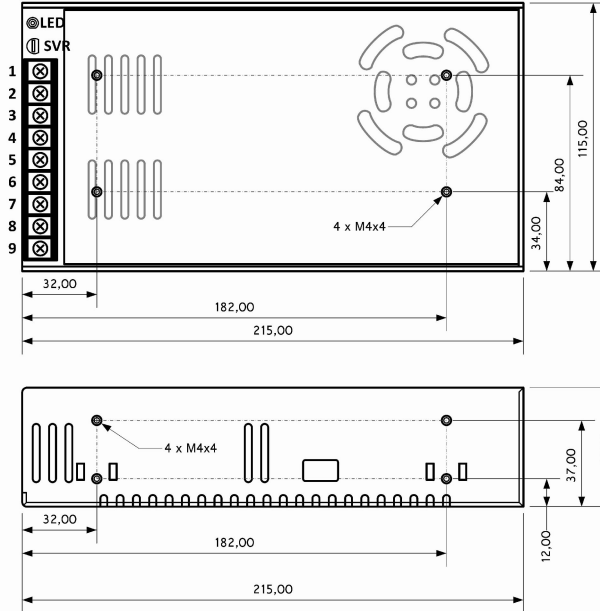
MODEL		POS-350-12
OUTPUT	DC Voltage	12V
	Rated Current	29A
	Current Range	0 ÷ 29A
	Rated Power	348W
	Ripple & Noise	180mV _{p-p}
	Voltage Adjustment Range [2]	10.8 ÷ 13.2V
	Tolerance [3]	+6.0%
INPUT	Voltage Range	88 ÷ 132VAC lub 180 ÷ 264VAC selectable by switch
	Frequency Range	47 ÷ 63Hz
	Efficiency (typ.)	83%
	AC Current	5.4A / 115VAC; 2.6A / 230VAC
	Inrush Current (max.)	30A / 115VAC; 60A / 230VAC (cold start)
PROTECTIONS	Short Circuit	Type: Cutoff Output Voltage, recovers automatically after fault condition is removed
	Overload	Range: 110 ÷ 160% rated output power Typ: Constant current limiting, recovers automatically after fault condition is removed
ENVIRONMENT	Working Temperature	-5°C ÷ +45°C
	Working Humidity	20 ÷ 90% RH non-condensing
	Storage Temperature and Humidity	-20°C ÷ +80°C; 10 ÷ 95% RH non-condensing
SAFETY & EMC	Safety Standards	EN60950-1
	Withstand Voltage	IN – OUT: 3kVAC, IN – GROUND: 1.5kVAC, IN – GROUND: 0.5kVAC
	EMI EMISSION	EN55022
	EMC SUSCEPTIBILITY	EN61000-4-2, -4, -5, -11
OTHERS	Dimensions	215*115*51 mm
	Weight	0.95kg
		1. All parameters not specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. By internal potentiometer located next to terminal blocks 3. Tolerance includes setup tolerance, line regulation and load regulation 4. This driver is a component by EN61204 Power supply is considered as component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. The final effect of electromagnetic compatibility is determined for the final product, it required a declaration of conformity for the entire installation.



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MECHANICAL SPECIFICATION



TERMINALS			
Nr	Function	Nr	Function
1,2,3	Input: +V	9	Output: AC/L
4,5,6	Input: -V	SVR	Output Voltage Adjustment
7	Grounding: GND	LED	Power ON LED indicator
8	Output: AC/N		