

Model : SPS12125

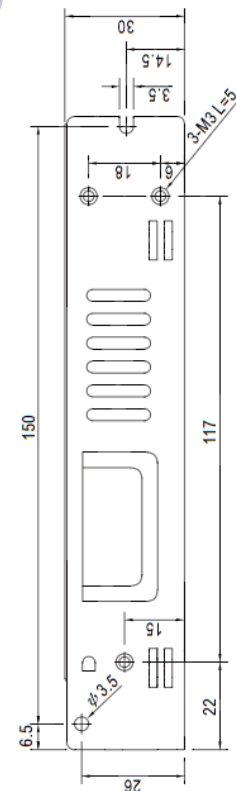
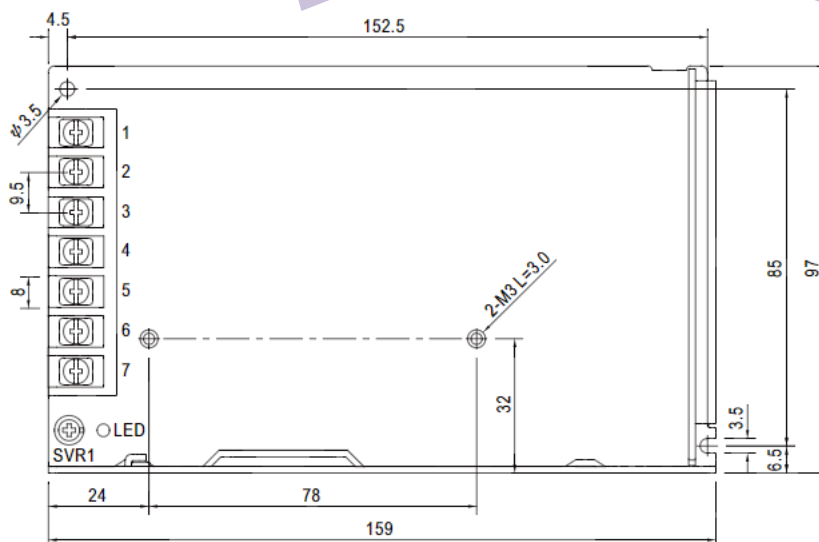
Mean Well 12V 150W Switching Power Supply



Key Features

- ▶ AC input range selectable by switch
- ▶ Withstand 300VAC surge input for 5 second
- ▶ Protections : Short circuit/Overload/Over voltage/Over Temperature
- ▶ Cooling by free air convection
- ▶ Miniature size and 1U low profile
- ▶ Compliance to IEC/EN 60335-1 (PD3) and IEC/EN61558-1, 2-16 for household appliances
- ▶ Withstand 5G vibration test
- ▶ LED indicator for power on
- ▶ No load power consumption <0.5W
- ▶ 100% full load burn-in test
- ▶ High operating temperature up to 70°C
- ▶ High efficiency, long life and high reliability

Product Structure



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Technical Specification

Output	DC Voltage	12V
	Rated Current	12.5A
	Current Range	0~12.5A
	Rated Power	150W
	Voltage Adj. Range	10.2 ~ 13.8V
	Setup, Rise Time	500ms, 30ms/230VAC 500ms, 30ms/115VAC at full load
	Hold Up Time	40ms/230VAC 35ms/115VAC at full load
Input	Voltage Range	85~132VAC / 170~264VAC by Switch 240~370VDC (switch on 230VAC)
	Frequency Range	47~63 Hz
	Efficiency (Typ.)	87.5%
	AC Current (Typ.)	2.8A / 115VAC 1.6A / 230VAC
	Inrush Current (Typ.)	COLD START 60A/230VAC
	Leakage Current	< 0.75mA/240VAC
Protection	Over Load	110~140 % rated output power Protection Type: Hiccup mode, recovers automatically after fault condition is removed
	Over Voltage	13.8~16.2V Protection Type: Shut down output voltage, re-power on to recover
Environment	Working Temp.	-30~+70°C
	Working Humidity	20~90% RH non-condensing
	Storage Temp, Storage Humidity	-40~+85°C, 10~95% RH
	Temp. Coefficient	±0.03%/°C (0~50°C)
	Vibration	10~500Hz, 5G 10min/1cycle, period for 60min. Each along X,Y,Z axes
Others	MTBF	601K hrs min MIL-HDBK-217F (25°C)
	Dimension (LxWxH)	159 x 97 x 30
	Weight (Kg)	0.48Kg

