

PSU150S-AW Series case power supply

Typical performance

- Single output mode
- Total output power 150W
- Output voltage 12V/15V/24V/36V/48V
- Input voltage range 85~264VAC
- High isolation voltage 3000VAC
- Housing power supply



Input characteristic

Input voltage range	85~264VAC	120~370VDC
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General characteristic

Isolation voltage	Input-output: 3000VAC
Insulation resistance	$\geq 100M\Omega$
Mean time between failures	$\geq 3 \times 10^5 h$
Protection function	Short circuit protection, over current protection, over voltage protection, over temperature protection
Operating temperature	$-30 \sim +70^{\circ}C$
Storage temperature	$-40 \sim +85^{\circ}C$
Storage humidity	10~95%RH
Cooling mode	Natural cooling

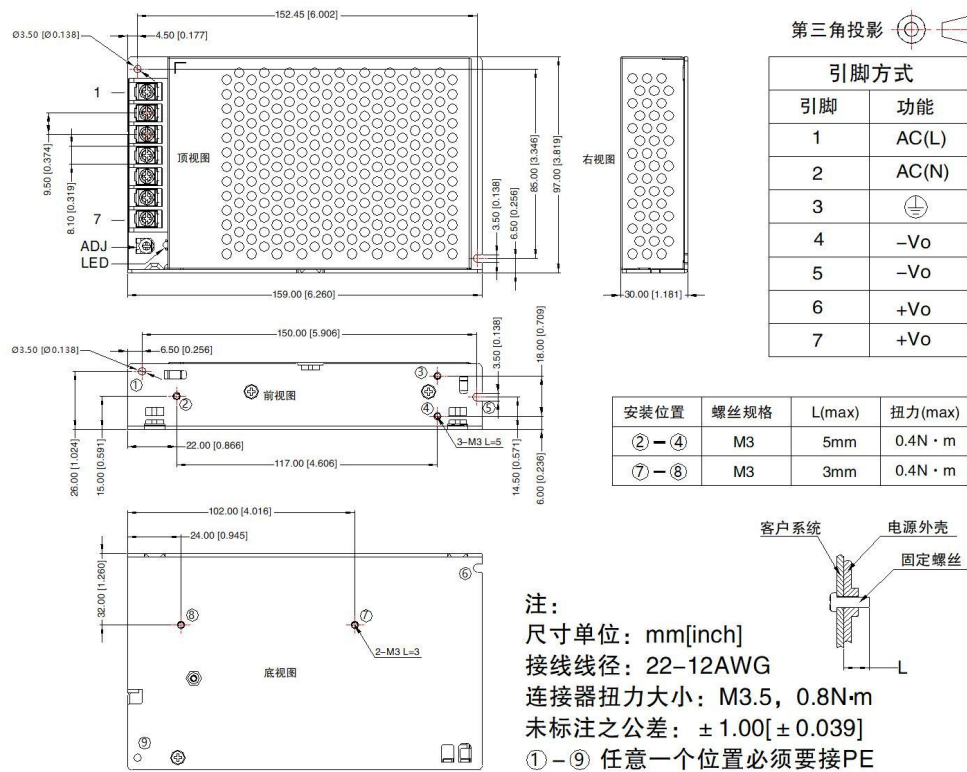
Output characteristic

Output voltage accuracy	Full load range, $\pm 1\%$
Load effect	0%~100% load, $\pm 0.5\%$
Source effect	Rated load, $\pm 0.5\%$
Ripple noise	20MHz bandwidth (peak-to-peak), $< 200mVp-p$
Conversion efficiency	Reference selection table
Temperature coefficient	$\leq \pm 0.03\%/^{\circ}C$ (0-50°C)

Selection list

Model number	Input voltage range Vac/Vdc	Output voltage/current (V) / (A)	Maximum capacitive load (μ F)	Typical efficiency (%)
PSU150S-12-AW	85V-264V/120V-370V	12/12.50	10000	86
PSU150S-15-AW	85V-264V/120V-370V	15/10.00	6000	87
PSU150S-24-AW	85V-264V/120V-370V	24/6.50	2400	88
PSU150S-36-AW	85V-264V/120V-370V	36/4.30	1200	88
PSU150S-48-AW	85V-264V/120V-370V	48/3.30	600	89

Product diagram



Pin definition

definition	1	2	3	4	5	6	7
Instructions	AC/L	AC/N	FG	-V	-V	+V	+V