

PSU350S-AW Series case power supply

Typical performance

- Single output mode
- Total output power 350W
- Output voltage 12V/15V/24V/36V/48V
- Input voltage range 85~132VAC/180~264VAC(by switch)
- High isolation voltage 4000VAC
- Housing power supply



Input characteristic

Input voltage range	85~132VAC/180~264VAC(by switch) 240~370VDC (switch on 230VAC)
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General characteristic

Isolation voltage	Input-output: 4000VAC
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	Forced air cooling

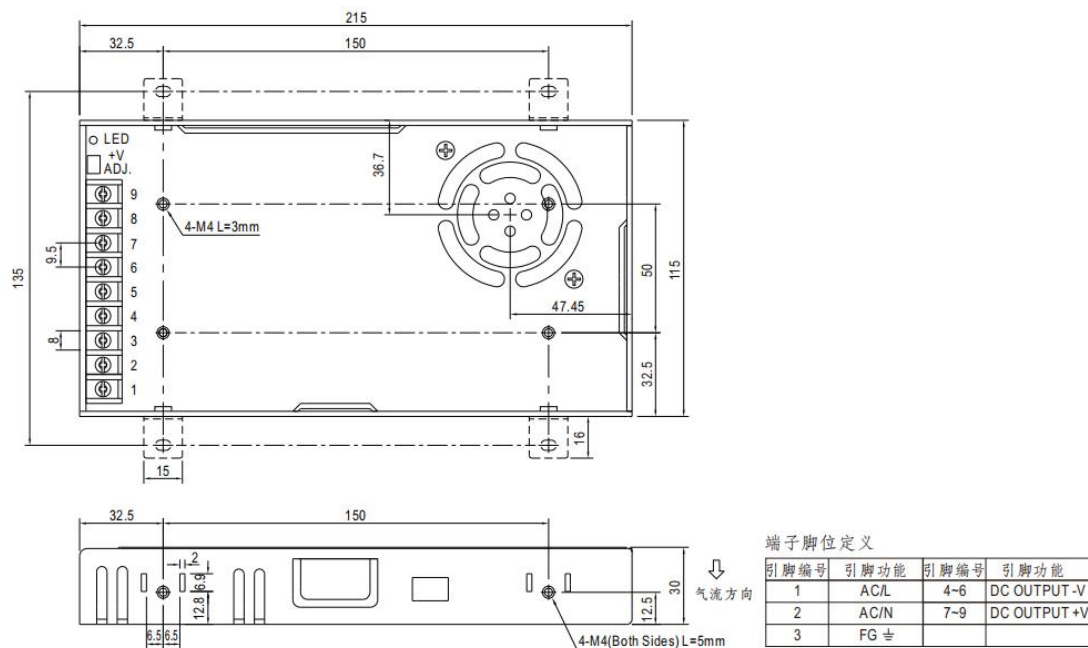
Output characteristic

Output voltage accuracy	Full load range, $\pm 1.5\%$
Load effect	0%~100% load, $\pm 1.0\%$
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 (μF)	Typical efficiency (%)
PSU350S-12-AW	85~132VAC/180~264VAC 240~370VDC	12/29.00	4000	85
PSU350S-15-AW	85~132VAC/180~264VAC 240~370VDC	15/23.20	3300	86
PSU350S-24-AW	85~132VAC/180~264VAC 240~370VDC	24/14.60	1500	88
PSU350S-36-AW	85~132VAC/180~264VAC 240~370VDC	36/9.70	1500	88
PSU350S-48-AW	85~132VAC/180~264VAC 240~370VDC	48/7.30	470	89

Product diagram



Pin definition

definition	1	2	3	4	5	6	7	8	9
Instructions	AC/ L	AC/N	FG	-V	-V	-V	+V	+V	+V