

AC/DC Switching Power Supply

AN120- 50W metal case



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Item No.	Input Voltage	Output Voltage	Output current	Output power	Efficiency	Total adjustment rate
AN120W50-3.3V6A	100~240V	3.3v	6.0A	49W	71%	.+/-5%
AN120W50-5.0V6A	100~240V	5.0v	6.0A	49W	71%	.+/-5%
AN120W50-6.0V6A	100~240V	6.0v	6.0A	49W	71%	.+/-5%
AN120W50-7.0V6A	100~240V	7.0v	6.0A	50W	74%	.+/-5%
AN120W50-9.0V5.5A	100~240V	9.0v	5.5A	50W	74%	.+/-5%
AN120W50-12.0V4.2A	100~240V	12.0v	4.2A	50W	74%	.+/-5%
AN120W50-15.0V3.3A	100~240V	15.0v	3.3A	47W	70%	.+/-5%
AN120W50-18.0V2.3A	100~240V	18.0v	2.3A	47W	70%	.+/-5%
AN120W50-24.0V2.1A	100~240V	24.0v	2.1A	47W	70%	.+/-5%

Key Specifications

1) Input:

- a) Universal AC voltage , or Linear voltage
- b) Frequency: 50/60Hz
- c) Line regulation range: max. $\pm 0.5\%$

2) Output:

- a) Line regulation range: max. $\pm 0.5\%$
- b) Ripple and noise (Vpp): <1% of output voltage
- c) Adjustable range of output voltage: +5%, -3%
- d) Turn-on time: $\leq 1s$ @ AC input 240V and $I_o=100\%$
- e) Hold-up time: $\geq 20ms$ @ AC input 240V and $I_o=100\%$

3) Protection:

- a) Over loading protection: 115-150% of rated power, when it happened, the power shuts down automatically; when trouble removed the power recovers itself
- b) Over voltage protection: 130-150% of rated voltage
- c) Over current protection

4) Insulated intensity in-out: 1,500V/5mA, 60s

5) Insulated resistance in-out: $\geq 50\text{m}\Omega$, DC500V

6) Environmental requirements:

- a) Operating temperature: 0-40°C
- b) Operating humidity: 10-90% RH (no freezing dew)
- c) Storage temperature: -20-85°C
- d) Storage humidity: 10-95% RH (no freezing dew)

7) Elevation: <3,000m

8) Dimensions (L x W x H): 160 x 80 x 40mm mm or as required

9) Weight: 360g/pc or as required

10) EMC: EN55022, GB3954, CE, GS, UL, PSE, CCC, etc..

11) Storage:

- a) Warehouse temperature: -25-75°C
- b) Humidity: 10-95%
- c) Avoid harmful air, flammable and corrosive things
- d) No vibration, collision, and magnet
- e) Packing box should be 20cm high from ground, away from heat, window and air entrance
- f) Can be stored for 2 years if conditions are all fine
- g) Examination needed after 2 years' storage