

AC/DC Switching Power Supply

AN120- 300W metal case



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Item No.	Input Voltage	Output Voltage	Output current	Output power	Efficiency	Total adjustment rate
AN120W300-5V60A	100~240V	5.0V	60A	300W	70%	.+/-5%
AN120W300-7V45A	100~240V	7.0V	45A	315W	70%	.+/-5%
AN120W300-7.5V40A	100~240V	7.5V	40A	300W	75%	.+/-5%
AN120W300-12V25A	100~240V	12V	25A	300W	75%	.+/-5%
AN120W300-24V13A	100~240V	24V	13A	300W	77%	.+/-5%
AN120W300-28V11A	100~240V	28V	11A	300W	78%	.+/-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: $\geq 50m\Omega$, 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): 210 x 102 x 51mm or as required

9) Weight: 610g/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