

AC/DC power supply

AN121- 60W - open frame type (Dual output)



Item No.	Input Voltage	Output Voltage	Output current	Output power	Efficiency	Total adjustment rate
AN121W60-3.3-5	100~240V	3.3V/5V/12V	4A/4A/1A	45W	70%	.+/-5%
AN121W60-3.3-12	100~240V	3.3V/12V/24V	3A/2A/0.5A	45W	72%	.+/-5%
AN121W60-3.3-24	100~240V	3.3V/24V/12V	3A/1A/1A	60W	73%	.+/-5%
AN121W60-5.0-12	100~240V	5.0V/12V/7.5V	3A/2A/2.8A	60W	75%	.+/-5%
AN121W60-5.0-24	100~240V	5.0V/24V/7.5V	2A/1.8A/1A	60W	78%	.+/-5%
AN121W60-5.0-36	100~240V	5.0V/36V/12V	2A/0.8A/1.8A	60W	80%	.+/-5%
AN121W60-6.0-9	100~240V	6.0V/9V/12V	2A/3A/1.8A	60W	81%	.+/-5%
AN121W60-6.0-12	100~240V	6.0V/12V/24V	2A/2A/1A	60W	82%	.+/-5%
AN121W60-6.0-24	100~240V	6.0V/24V/7.5V	2A/1A/3.2A	60W	83%	.+/-5%
AN121W60-12.0-18	100~240V	12.0V/18V/12V	1.5A/1A/2A	60W	84%	.+/-5%
AN121W60-12.0-24	100~240V	12.0V/24V/7.5V	1A/1A/3.2A	60W	85%	.+/-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) EMC: EN55022, GB3954, CE, GS, UL, PSE, CCC, etc..

9) 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

10) PCB dimensions : 130*76*30mm or as required