

AC/DC power Adapter

AN116- 12W wall type



Item No.	Input Voltage	Output Voltage	Output current	Output power	Efficiency	Total adjustment rate
AN116W12-3.3V2.0A	100~240V	3.3V	2.0A	6.6W	65%	./+/-5%
AN116W12-4.2V2.0A	100~240V	4.2V	2.0A	8.4W	65%	./+/-5%
AN116W12-4.5V2.0A	100~240V	4.5V	2.0A	9.0W	65%	./+/-5%
AN116W12-5.0V2.0A	100~240V	5.0V	2.0A	10.0W	65%	./+/-5%
AN116W12-6.0V2.0A	100~240V	6.0V	2.0A	12.0W	70%	./+/-5%
AN116W12-7.5V1.6A	100~240V	7.5V	1.6A	12.0W	75%	./+/-5%
AN116W12-8.4V1.4A	100~240V	8.4V	1.4A	11.8W	75%	./+/-5%
AN116W12-9.0V1.3A	100~240V	9.0V	1.3A	11.7W	75%	./+/-5%
AN116W12-12.0V1.0A	100~240V	12.0V	1.0A	12.0W	75%	./+/-5%
AN116W12-12.6V0.9A	100~240V	12.6V	0.9A	11.3W	75%	./+/-5%
AN116W12-15.0V0.8A	100~240V	15.0V	0.8A	12.0W	75%	./+/-5%
AN116W12-16.0V0.7A	100~240V	16.0V	0.7A	11.2W	75%	./+/-5%
AN116W12-18.0V0.6A	100~240V	18.0V	0.6A	10.8W	73%	./+/-5%
AN116W12-21.0V0.5A	100~240V	21.0V	0.5A	10.5W	75%	./+/-5%
AN116W12-24.0V0.5A	100~240V	24.0V	0.5A	12.0W	78%	./+/-5%
AN116W12-27.0V0.4A	100~240V	27.0V	0.4A	10.8W	80%	./+/-5%
AN116W12-36.0V0.3A	100~240V	36.0V	0.3A	10.8W	80%	./+/-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): 83 x 54 x 36mm or as required

9) Weight: 150g/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