

# Ancol

## AC/DC power Adapter

### AN116- 24W wall type



C E

Item No.	Input Voltage	Output Voltage	Output current	Output power	Efficiency	Total adjustment rate
AN116W24-3.3V4A	100~240V	3.3V	4.0A	13.2W	70%	.+/-5%
AN116W24-4.2V4A	100~240V	4.2V	4.0A	16.8W	70%	.+/-5%
AN116W24-4.5V4A	100~240V	4.5V	4.0A	18W	70%	.+/-5%
AN116W24-5V4A	100~240V	5.0V	4.0A	20W	70%	.+/-5%
AN116W24-6V4A	100~240V	6.0V	4.0A	24W	68%	.+/-5%
AN116W24-7.5V3.2A	100~240V	7.5V	3.2A	24W	70%	.+/-5%
AN116W24-8.4V2.85A	100~240V	8.4V	2.85A	24W	70%	.+/-5%
AN116W24-9V2.6A	100~240V	9.0V	2.6A	23.4W	75%	.+/-5%
AN116W24-12V2A	100~240V	12.0V	2.0A	24W	78%	.+/-5%
AN116W24-12.6V1.9A	100~240V	12.6V	1.9A	24W	78%	.+/-5%
AN116W24-15V1.6A	100~240V	15.0V	1.6A	24W	80%	.+/-5%
AN116W24-16.8V1.42	100~240V	16.8V	1.42A	24W	80%	.+/-5%
AN116W24-18V1.3A	100~240V	18.0V	1.3A	22.4W	82%	.+/-5%
AN116W24-21V1.2A	100~240V	21.0V	1.2A	24W	82%	.+/-5%
AN116W24-24V1A	100~240V	24.0V	1.0A	24W	82%	.+/-5%
AN116W24-27V0.9A	100~240V	27.0V	0.9A	24.3W	82%	.+/-5%
AN116W24-36V0.65A	100~240V	36.0V	0.65A	23.4W	82%	.+/-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): 89\*39\*42mm or as required

9) Weight: 160g/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