

# Ancol

## AC/DC power Adapter

### AN116- 30W wall type



CB



CE

Item No.	Input Voltage	Output Voltage	Output current	Output power	Efficiency	Total adjustment rate
AN116W30-3.3V5A	100~240V	3.3V	5.0A	16.5W	72%	.+/-5%
AN116W30-4.2V5A	100~240V	4.2V	5.0A	21W	72%	.+/-5%
AN116W30-4.5V5A	100~240V	4.5V	5.0A	22.5W	72%	.+/-5%
AN116W30-5.0V5A	100~240V	5.0V	5.0A	25W	72%	.+/-5%
AN116W30-6.0V4.16A	100~240V	6.0V	4.16A	25W	72%	.+/-5%
AN116W30-7.5V4A	100~240V	7.5V	4.0A	30W	75%	.+/-5%
AN116W30-8.4V3.57A	100~240V	8.4V	3.57A	30W	75%	.+/-5%
AN116W30-9.0V2.7A	100~240V	9.0V	2.7A	24.3W	75%	.+/-5%
AN116W30-12.0V2.5A	100~240V	12.0V	2.5A	30W	80%	.+/-5%
AN116W30-12.6V2.38A	100~240V	12.6V	2.38A	30W	80%	.+/-5%
AN116W30-15V2A	100~240V	15.0V	2.0A	30W	80%	.+/-5%
AN116W30-16.8V1.78A	100~240V	16.8V	1.78A	30W	80%	.+/-5%
AN116W30-18V1.5A	100~240V	18.0V	1.5A	27W	82%	.+/-5%
AN116W30-24V1.25A	100~240V	24.0V	1.25A	30W	82%	.+/-5%
AN116W30-26V0.85A	100~240V	26.0V	0.85A	22W	82%	.+/-5%

## Key Specifications

### 1) Input:

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

### 2) Output:

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

### 3) Protection:

- Over loading protection: 115-150% of rated power, when it happened, the power shuts down automatically; when trouble removed the power recovers itself
- 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