

# Ancol

## AC/DC power Adapter

### AN119- 60W desktop type



CB



CE

Item No.	Input Voltage	Output Voltage	Output current	Output power	Efficiency	Total adjustment rate
AN119w60-3.3V8A	100~240V	3.3V	8.0A	26.4W	78%	.+/-5%
AN119w60-4.2V8A	100~240V	4.2V	8.0A	33.6W	78%	.+/-5%
AN119w60-5.0V8A	100~240V	5.0V	8.0A	40.0W	78%	.+/-5%
AN119w60-6.0V8A	100~240V	6.0V	8.0A	48.0W	78%	.+/-5%
AN119w60-7.5V8A	100~240V	7.5V	8.0A	60.0W	80%	.+/-5%
AN119w60-8.4V7.14A	100~240V	8.4V	7.14A	60.0W	80%	.+/-5%
AN119w60-9.0V6.66A	100~240V	9.0V	6.66A	60.0W	80%	.+/-5%
AN119w60-12.0V5A	100~240V	12.0V	5.0A	60.0W	80%	.+/-5%
AN119w60-15.0V4A	100~240V	15.0V	4.0A	60.0W	80%	.+/-5%
AN119w60-16.0V3.75A	100~240V	16.0V	3.75A	60.0W	80%	.+/-5%
AN119w60-16.8V3.57A	100~240V	16.8V	3.57A	60.0W	80%	.+/-5%
AN119w60-18.0V3.3A	100~240V	18.0V	3.3A	59.4W	82%	.+/-5%
AN119w60-19.0V3.16A	100~240V	19.0V	3.16A	60.0W	82%	.+/-5%
AN119w60-20.0V3.0A	100~240V	20.0V	3.0A	60.0W	82%	.+/-5%
AN119w60-21.0V2.85A	100~240V	21.0V	2.85A	60.0W	82%	.+/-5%
AN119w60-24.0V2.5A	100~240V	24.0V	2.5A	60.0W	82%	.+/-5%
AN119w60-27.0V2.2A	100~240V	27.0V	2.2A	59.4W	82%	.+/-5%
AN119w60-36.0V1.67A	100~240V	36.0V	1.67A	60.0W	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

- 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):** 135 x 58 x 34mm or as required

9) Weight: 340g/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