

# Ancol

## AC/DC power Adapter

### AN119- 48W desktop type



CB



CE

Item No.	Input Voltage	Output Voltage	Output current	Output power	Efficiency	Total adjustment rate
AN119w48-3.3V4A	100~240V	3.3V	4.0A	13.2W	78%	.+/-5%
AN119w48-4.2V4A	100~240V	4.2V	4.0A	16.8W	78%	.+/-5%
AN119w48-4.5V4A	100~240V	4.5V	4.0A	18.0W	78%	.+/-5%
AN119w48-5.0V4A	100~240V	5.0V	4.0A	20.0W	78%	.+/-5%
AN119w48-6.0V4A	100~240V	6.0V	4.0A	24.0W	80%	.+/-5%
AN119w48-7.5V4A	100~240V	7.5V	4.0A	30.0W	80%	.+/-5%
AN119w48-8.4V4A	100~240V	8.4V	4.0A	33.6W	80%	.+/-5%
AN119w48-9.0V4A	100~240V	9.0V	4.0A	36.0W	80%	.+/-5%
AN119w48-12.0V4A	100~240V	12.0V	4.0A	48.0W	80%	.+/-5%
AN119w48-12.6V3.8A	100~240V	12.6V	3.8A	47.9W	80%	.+/-5%
AN119w48-15.0V3.2A	100~240V	15.0V	3.2A	48.0W	80%	.+/-5%
AN119w48-16.8V2.8A	100~240V	16.8V	2.8A	47.6W	82%	.+/-5%
AN119w48-18.0V2.6A	100~240V	18.0V	2.6A	46.8W	82%	.+/-5%
AN119w48-21.0V2.2A	100~240V	21.0V	2.2A	46.2W	82%	.+/-5%
AN119w48-24.0V2A	100~240V	24.0V	2.0A	48.0W	82%	.+/-5%
AN119w48-27.0V1.7A	100~240V	27.0V	1.7A	45.9W	82%	.+/-5%
AN119w48-36.0V1.3A	100~240V	36.0V	1.3A	46.8W	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:**  $\geq 50\text{m}\Omega$ , 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): 120 x 59 x 37mm or as required

9) Weight: 290g/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