

## AC/DC power Adapter

### AN119- 90W desktop type



**CB**



**C E**

| Item No.            | Input Voltage | Output Voltage | Output current | Output power | Efficiency | Total adjustment rate |
|---------------------|---------------|----------------|----------------|--------------|------------|-----------------------|
| AN119W90-5.0V10A    | 100~240V      | 5.0V           | 10.0A          | 50W          | 79%        | .+/-5%                |
| AN119W90-6.0V10A    | 100~240V      | 6.0V           | 10.0A          | 60W          | 79%        | .+/-5%                |
| AN119W90-8.4V7.5A   | 100~240V      | 8.4V           | 7.5A           | 63W          | 79%        | .+/-5%                |
| AN119W90-9.0V7.5A   | 100~240V      | 9.0V           | 7.5A           | 68W          | 79%        | .+/-5%                |
| AN119W90-12.0V7.5A  | 100~240V      | 12.0V          | 7.5A           | 90W          | 80%        | .+/-5%                |
| AN119W90-12.6V7.14A | 100~240V      | 12.6V          | 7.14A          | 90W          | 80%        | .+/-5%                |
| AN119W90-15.0V6A    | 100~240V      | 15.0V          | 6.0A           | 90W          | 80%        | .+/-5%                |
| AN119W90-16.0V5.6A  | 100~240V      | 16.0V          | 5.6A           | 90W          | 80%        | .+/-5%                |
| AN119W90-16.8V5.35A | 100~240V      | 16.8V          | 5.35A          | 90W          | 80%        | .+/-5%                |
| AN119W90-18.0V5A    | 100~240V      | 18.0V          | 5.0A           | 90W          | 81%        | .+/-5%                |
| AN119W90-19.0V4.75A | 100~240V      | 19.0V          | 4.75A          | 90W          | 81%        | .+/-5%                |
| AN119W90-20.0V4.5A  | 100~240V      | 20.0V          | 4.5A           | 90W          | 81%        | .+/-5%                |
| AN119W90-21.0V4.28A | 100~240V      | 21.0V          | 4.28A          | 90W          | 82%        | .+/-5%                |
| AN119W90-24.0V3.75A | 100~240V      | 24.0V          | 3.75A          | 90W          | 82%        | .+/-5%                |
| AN119W90-36.0V2.5A  | 100~240V      | 36.0V          | 2.5A           | 90W          | 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): 135 x 60 x 35mm or as required

9) Weight: 350g/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