

## AC/DC power Adapter

### AN119- 36W desktop type



CB



CE

### 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:

**DC output voltage: +12.0V, Output rated current: 3.0A**

- 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:**  $\geq 50m \Omega$  , 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): 118 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