



## QG 6W Universal IEC62368-1 AC/DC Adapter 6W



### Product Highlights:

- Low cost ;
- Ultra Small Size ;
- Energy Efficiency;
- Suit LED Lighting,Display or Photo Frame,Network and USB Devices.

### Protection :

- Short Circuit Protection ;
- Over Voltage Protection ;
- Over Current Protection ;

### Safety Standard :

- 60950-1 ;
- 62368-1 ;
- PSE 別表第八

### Efficiency :

- Energy Efficiency Level VI(ErP/DoE)
- Meet COMMISSION REGULATION(EU) 2019/1782
- Meet DOE10 CFR Part 429 and 430

### Emissions:

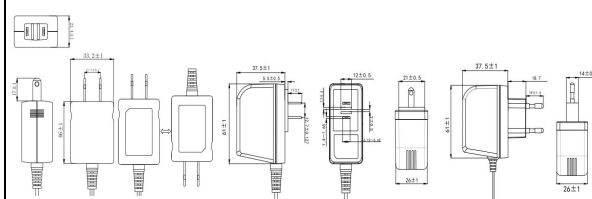
- FCC Part 15 class B
- VCCI Class B
- CE CISPR 32 EN55032
- BS EN 55032

### Immunity:

- EN 55035
- BS EN 55035

### Electrical Spec:

### External dimensions:



| Input       |     |         |      |       |         |
|-------------|-----|---------|------|-------|---------|
| Description | Min | Typ.    | Max. | Units | Comment |
| Voltage     | 90  | 100~240 | 264  | Vac   |         |
| Frequency   | 47  | 50/60   | 63   | Hz    |         |

| Description           | Min | Typ. | Max. | Units | Comment |
|-----------------------|-----|------|------|-------|---------|
| Operating Temperature | 0   | -    | 40   | °C    |         |
| Storage Temperture    | -20 | -    | 65   | °C    |         |
| Operating Humidity    | 5   | -    | 95   | %RH   |         |
| Storage Humidity      | 5   | -    | 95   | %RH   |         |

### Typical model list:

| output voltage | output current | precision | Ripple | Noise | Efficiency | No-Load |
|----------------|----------------|-----------|--------|-------|------------|---------|
| 5.0V           | 0.8A           | ±5%       | 300mV  | 300mV | 71.90%     | 0.1W    |
| 5.0V           | 1.0A           | ±5%       | 300mV  | 300mV | 73.62%     | 0.1W    |
| 5.0V           | 1.2A           | ±5%       | 300mV  | 300mV | 77.05%     | 0.1W    |
| 5.0V           | 1.5A           | ±5%       | 300mV  | 300mV | 77.05%     | 0.1W    |
| 9.0V           | 0.5A           | ±5%       | 300mV  | 300mV | 78.72%     | 0.1W    |
| 12.0V          | 0.5A           | ±5%       | 300mV  | 300mV | 78.88%     | 0.1W    |
|                |                |           |        |       |            |         |
|                |                |           |        |       |            |         |
|                |                |           |        |       |            |         |

### ■ Measurement Condition

1.Measurements shall be made with an oscilloscope with 20MHz bandwidth.

2.Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system load

工厂地址: 东莞市石排镇水吉吉安路8号良益工业大厦B座5-6楼

公司网站: [www.nexgen-power.com](http://www.nexgen-power.com)

公司电话: 0769-81818091

销售电话: 180-2897-1545

业务邮箱: [alex@nexgen-power.com](mailto:alex@nexgen-power.com)