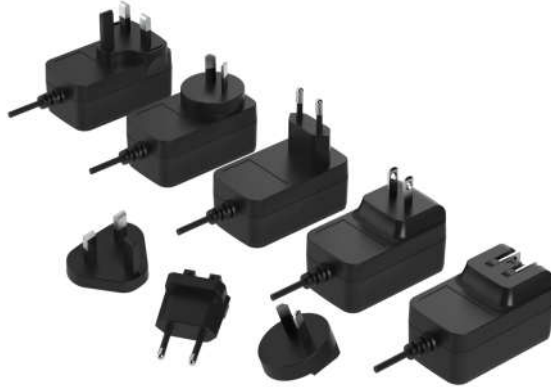


# GPE024Q Series

·24W Max.

## SWITCHING MODE POWER SUPPLY



### Features

- 100-240VAC Universal Input
- Protections:  
Short circuit/Over voltage/Over current
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption $\leq 0.1W$ (VI), $\leq 0.075W$ (Tier II)
- MTBF>50,000 hours

GPE024Q - xxxyyy-z

xxx=050-240 表示输出电压为 5-24VDC, yyy=001-400 表示输出电流为 0.01-4A, Z: AC plug

| MODEL NO | OUTPUT PORT | MAX.OUTPUT POWER(W) | OUTPUT VIKTAGE(V o) | MIN. LOAD(lo) | MAX LOAD(lo) | LOAD REGULATI ON | LINE REGULATI ON | RIPPLE& NOISE |
|----------|-------------|---------------------|---------------------|---------------|--------------|------------------|------------------|---------------|
| GPE024Q  | DC Plug     | 24W                 | 5-7.4V              | 0A            | 4A           | $\pm 6\%$        | $\pm 1\%$        | 300mV         |
| GPE024Q  | DC Plug     | 24W                 | 7.5-12.9V           | 0A            | 3.2A         | $\pm 5\%$        | $\pm 1\%$        | 300mV         |
| GPE024Q  | DC Plug     | 24W                 | 13-17.9V            | 0A            | 1.8A         | $\pm 5\%$        | $\pm 1\%$        | 300mV         |
| GPE024Q  | DC Plug     | 24W                 | 18-24V              | 0A            | 1.3A         | $\pm 5\%$        | $\pm 1\%$        | 300mV         |

### NOTE:

- 1: Ripple measurements shall be made with an oscilloscope of at least 20 MHz bandwidth.10uF electrolytic Output shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a capacitor to simulate system loading at temperature 25.
- 2:Line regulation is defined by changing $\pm 10\%$  of input voltage from nominal line at rated load.
- 3:Max.Power(W) $\geq V_o \times I_o$

### Electrical Specification

#### INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current 0.75A
- Inrush Current 30A/100VAC 60A/230VAC
- Hold Up Time  $\geq 8ms$
- Turn On Time  $\leq 3s$

#### OUTPUT

- Short Circuit Protection Auto Recovery
- Over Voltage Protection Auto Recovery
- Over Current Protection Auto Recovery

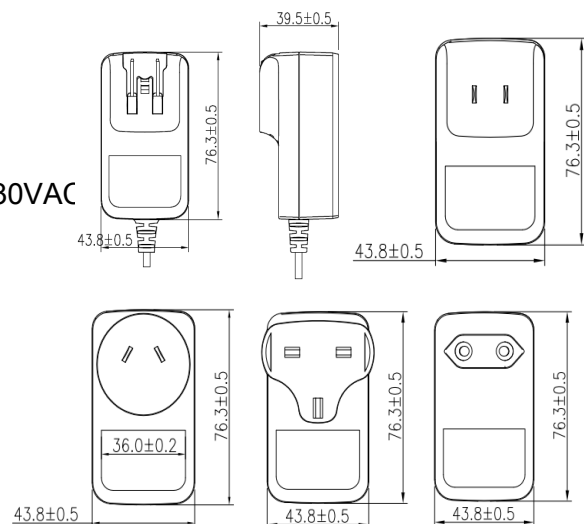
#### ENVIRONMENT

- Operating Temperature 0 to 40°C
- Storage Temperature -25 to 70°C
- Operating Humidity 8% to 90%
- Storage Humidity 5% to 95%

#### SAFETY

- Certified for whole series:UL 62368-1,EN 62368-1,FCC,DOE,ERP,EMC,SAA

### Mechanical Specification



- Case Size:43.8L×76.3W×39.5H(mm)
- AC Plug:US EU UK AU CCC PSE
- Weight:150g