

GPE018G Series

·21W 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

GPE018G - xxxyyy-z

xxx=050-240 表示输出电压为 5-24VDC, yyy=001-300 表示输出电流为 0.1-3A, Z: AC plug

MODEL NO.	OUTPUT PORT	MAX.OUTPUT POWER(W)	OUTPUT VOLTAGE(Vo)	MIN. LOAD(Io)	MAX LOAD(Io)	LOAD REGULATION	LINE REGULATION	RIPPLE& NOISE
GPE018G	DC Plug	18W	5-8V	0A	0.01-3A	$\pm 5\%$	$\pm 1\%$	300mV
GPE018G	DC Plug	18W	9-12V	0A	0.01-2A	$\pm 5\%$	$\pm 1\%$	300mV
GPE018G	DC Plug	18W	12.1-17V	0A	0.01-1.49A	$\pm 5\%$	$\pm 1\%$	300mV
GPE018G	DC Plug	21W	18-24V	0A	0.01-1A	$\pm 5\%$	$\pm 1\%$	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. °C
- 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 0.5A
- Inrush Current 30A/100VAC 60A/230VAC
- Hold Up Time $\geq 8ms$
- Turn On Time $\leq 3s$

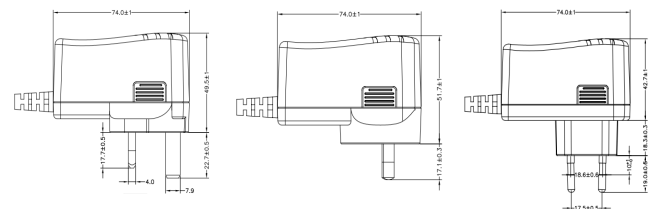
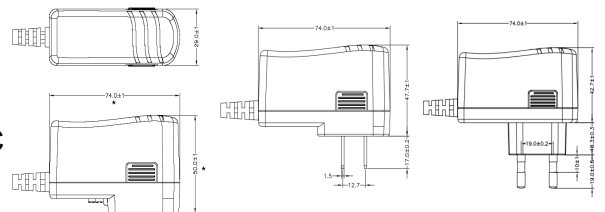
OUTPUT

- 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%

Mechanical Specification



- Case Size:Body: 74L×50W×29H(mm)
- UL:74L×47.7W×29H(mm BS:74L×49.5W×29H(mm)
- GS,KS:74L×61W×29H(mm)
- AC Plug:US EU UK AU CCC PSE
- Weight:57g

SAFETY

·Certified for whole series:UL 62368-1,EN 62368-1,FCC,DOE,GEMS,ERP,EMC,SAA,RCM,LVD,CCC 4943