

GPE012T Series

·12W 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≤0.1W(VI),≤0.075W(Tier II)
- MTBF>50,000 hours

GPE012T - xxxyyy-z

xxx=050-240 表示输出电压为 5-24VDC, yyy=010-240 表示输出电流为 0.1-2.4A, Z: AC plug

MODEL NO.	OUTPUT PORT	MAX.OUTPUT POWER(W)	OUTPUT VIKTAGE(Vo)	MIN. LOAD(lo)	MAX LOAD(lo)	LOAD REGULATI ON	LINE REGULATI ON	RIPPLE& NOISE
GPE012T	DC Plug	12W	5.0-7.5V	0A	2.4A	±6%	±1%	240mV
GPE012T	DC Plug	12W	7.6-12.9V	0A	1.57A	±5%	±1%	240mV
GPE012T	DC Plug	12W	13.0-17.9V	0A	0.75A	±5%	±1%	240mV
GPE012T	DC Plug	12W	18.0-24.0V	0A	0.66A	±5%	±1%	240mV

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±10% of input voltage from nominal line at rated load.
- 3:Max.Power(W)≥Vo×Io

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 ≥8ms
- Turn On Time ≤3s

OUTPUT

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

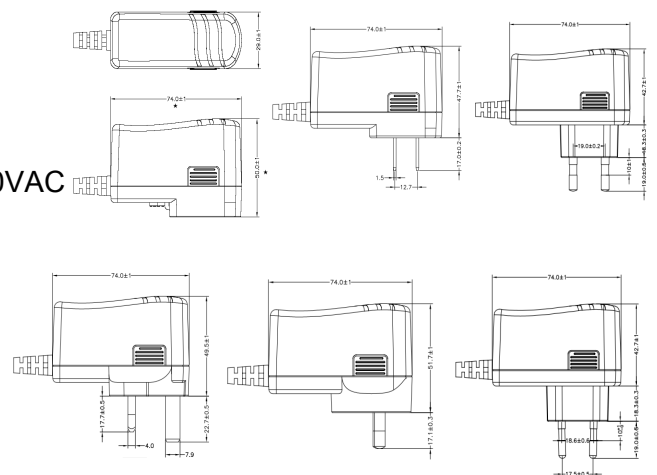
ENVIRONMENT

- 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,GEMS,EMC,SAA,RCM,CCC 8898

Mechanical Specification



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