

GPE024P Series

·26W 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

GPE024P - xxxyyy-z

xxx=050-075, 080-120, 125-175, 180-260 e.g.:050=5.0V, 260=26.0V,yyy=001-500 e.g.: 100=1.0A, 133=1.33A, Z: AC plug type:·1:US·2:EU·3:UK·4:AU·5:CCC·6:PSE

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
GPE024P	DC Plug	25W	5-7.5V	0A	5A	$\pm 5\%$	$\pm 1\%$	300mV
GPE024P	DC Plug	24W	8-12V	0A	3A	$\pm 5\%$	$\pm 1\%$	300mV
GPE024P	DC Plug	24W	12.5-17.5V	0A	1.92A	$\pm 5\%$	$\pm 1\%$	300mV
GPE024P	DC Plug	26W	18-26V	0A	1.4A	$\pm 5\%$	$\pm 1\%$	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 0.75A
- 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

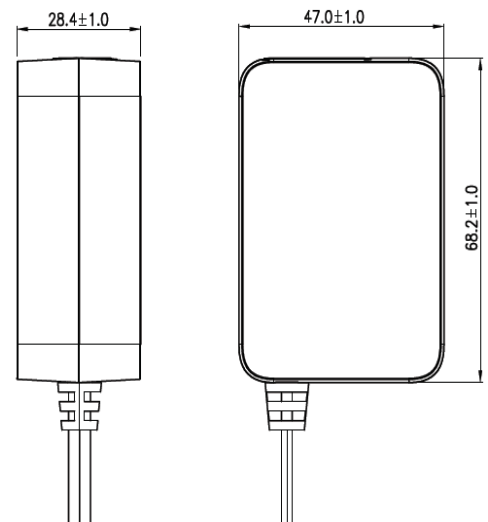
ENVIRONMENT

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

Mechanical Specification



- Case Size:Horizontal:47L×68.2W×28.4H(mm)
- Weight:115g