

GPA60 SERIES

AC / DC Power Supply Single Output: 60 Watts



Features

- Universal input 90 ~ 264VAC
- Energy Star Lev VI
- Industry standard 2pin IEC320 input plug
- Wide range of output connector options
- Fully isolated input – output
- Overload and short circuit protection
- Suitable for a wide range of applications
- Specials output voltage on request
- MTBF 100k hrs



General Specifications

Input Voltage	90 ~ 264VAC
Input Frequency	47 ~ 63Hz
Input Current	Typically 1.3A @ 115vac
Efficiency	Typically 88%
Leakage Current	0.25mA at 230Vac 60Hz
Output Power	60 watts
No Load Power	<0.3W
Output Voltage	12 ~ 48VDC
Turn On Delay	Typically 2s
Voltage Range	Fixed
Hold Up time	Typically 10ms
Load Regulation	± 5%
Line Regulation	± 1%
Ripple & Noise	Typically 1% pk-pk 6V 160mV, 12-15V 300mV
Insulation	2pin Class II
Isolation	Input-Output: 3000VAC
Safety	EN60950-1, AS/NZS 60950
EMC	Emission: EN55022 B
Immunity	EN610006-2, -5
Operating Temp.	-0°C to +40°C.
Humidity	10 ~ 90% non-condensing
Vibration & Shock	2G at variable frequency of 10-55Hz
Overload Protection	Overload & short circuit protection with auto recovery.
Over temperature Protection	Will latch off in event of high operating temperature.
Connectors	Input via IEC320-C8 Output 2.1m two core & barrel plug Cable length 1.2m
Dimensions	114 x 54 x 37mm 240g

Description

Then **GPA60** series Desk Top power supplies, offer customers a low-cost solution for a wide range of applications.

It's designed for applications requiring up to 60 watts of output power from 12 ~ 48VDC voltage options.

Apart from the voltages illustrated in the tables below, we can offer models to customer specifications, minimum production orders may apply to some models.

Output Plug Options

Blank	2.1 x 5.5mm Straight barrel plug Centre +VE
-01	2.5 x 5.5mm Straight barrel plug Centre +VE
-02	Exchangeable Straight barrel plug
-03 / -04	2.1 x 5.5mm / 2.5 x 5.5mm Right Angle barrel plug

Exchangeable Plugs

Using an exchangeable plug, allows you to convert a 2.1mm plug to 2.5mm or a 2.5mm plug into 2.1mm plug.

Part No: P0644 converts 2.5mm to 2.1mm

Part No: P0645 converts 2.1mm to 2.5mm

Model	Output		Power W
	V	A	
GPA601A-060-500	6V	5.0A	60W
GPA601A-080-500	8V	5.0A	
GPA601A-120-500	12V	5.0A	
GPA601A-150-440	15V	4.4A	
GPA601A-180-333	18V	3.33A	
GPA601A-240-250	24V	2.5A	
GPA601A-480-125	48V	1.25A	

➤ Other output voltage options on request.