

# GPA60 SERIES

AC / DC 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

<b>Input Voltage</b>	90 ~ 264VAC
<b>Input Frequency</b>	47 ~ 63Hz
<b>Input Current</b>	Typically 1.3A @ 115vac
<b>Efficiency</b>	Typically 88%
<b>Leakage Current</b>	0.25mA at 230Vac 60Hz
<b>Output Power</b>	60 watts
<b>No Load Power</b>	<0.3W
<b>Output Voltage</b>	12 ~ 48VDC
<b>Turn On Delay</b>	Typically 3s
<b>Voltage Range</b>	Fixed
<b>Hold Up time</b>	Typically 10ms
<b>Load Regulation</b>	± 5%
<b>Line Regulation</b>	± 1%
<b>Ripple &amp; Noise</b>	Typically 1% pk -pk 6V 160mV, 12 -15V 300mV
<b>Insulation</b>	2pin Class II
<b>Isolation</b>	Input-Output: 3000VAC
<b>Safety</b>	EN60950 -1, AS/NZS 60950
<b>EMC</b>	Emission: EN55022 B
<b>Immunity</b>	EN610006 -2, -5
<b>Operating Temp.</b>	-0°C to +40°C.
<b>Humidity</b>	10 ~ 90% non -condensing
<b>Vibration &amp; Shock</b>	2G at variable frequency of 10 -55Hz
<b>Overload Protection</b>	Overload & short circuit protection with auto recovery.
<b>Over temperature Protection</b>	Will latch off in event of high operating temperature.
<b>Connectors</b>	Input via IEC320 -C8 Output 2.1m two core & barrel plug Cable length 1.2m
<b>Dimensions</b>	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

<b>Blank</b>	2.1 x 5.5mm Straight barrel plug Centre +VE
<b>-01</b>	2.5 x 5.5mm Straight barrel plug Centre +VE
<b>-02</b>	Exchangeable Straight barrel plug
<b>-03 / -04</b>	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	
<b>GPA601A-060-500</b>	6V	5.0 A	60W
<b>GPA601A-080-500</b>	8V	5.0 A	
<b>GPA601A-120-500</b>	12V	5.0 A	
<b>GPA601A-150-440</b>	15V	4.4A	
<b>GPA601A-180-333</b>	18V	3.33A	
<b>GPA601A-240-250</b>	24V	2.5A	
<b>GPA601A-480-125</b>	48V	1.25A	

➤ Other output voltage options on request.