FPA SERIES AC / DC Single Output: 12 ~18 Watts





#### **Features**

- Universal input 90 ~ 264VAC
- Energy Star Lev VI
- Australian 2pin 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
- AS/NZS approval



#### Description

Then **FPA** series plug pack power supplies, offer customers a low cost solution for a wide range of applications.

It's designed for applications requiring up to 18 watts of output power from 3  $\sim$  24VDC 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 55mm / 2.5 x 5.5mm Right Angle barrel plug.

## **Exchangeable Plugs**

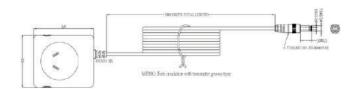
Using an exchangeable plug, allows you to convert a 2.1mm plug to 2.5mm or a 2.5mm plug into 2.1mm plug.

Part No: P0644 converts 2.5mm to 2.1mm Part No: P0645 converts 2.1mm to 2.5mm



Model	Out V	put A	Power W
FPA181A-050-300	5V	3.0A	15W
FPA181A-120-150	12V	1.5A	18W
FPA181A-135-120	13.5V	1.2A	18W
FPA181A-150-120	15V	1.2A	18W
FPA181A-240-075	24V	0.75A	18W

Other output voltage options on request, contact our office.



# **General Specifications**

Input Voltage	90 ~ 264VAC
Input Frequency	47 ~ 63Hz
Input Current	Typically 0.4A @ 115vac
Efficiency	Typically 85%
Leakage Current	0.25mA at 230Vac 60Hz
Output Power	18 watts
No Load Power	1W
Output Voltage	3 ~ 24VDC options
Turn On Delay	Typically 3s
Voltage Range	Fixed
Hold Up time	Typically 10ms
Load Regulation	± 5%
Line Regulation	± 1%
Ripple & Noise	Typically 1% pk-pk
Insulation	5V 150mV, 12-15V 300mV 2pin Class II
Isolation	Input-Output: 3000VAC
Safety	EN60950-1, AS/NZS 60950
EMC	Emission: EN55022 B
Immunity	EN610006-3, -4
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 1.5m
Dimensions	64 x 55 x 27mm 120g