

FPA SERIES

AC/DC Single Output: 12 - 18 Watts



Features

- Universal input 90 - 264VAC
- Energy Star/MEPS Compliant
- Australian 2-pin plug
- Wide range of output connector options
- Fully isolated input - output
- Overload and short circuit protection
- Suitable for a wide range of applications
- MTBF > 80,000 hours
- Special output voltage on request
- EMC C-tick approved
- AS/NZS approval N19810



General Specifications

Input Voltage:	90 - 264VAC
Output Power:	12 - 18 watts
No Load Power:	<0.5W
Output Voltage:	3 - 24VDC
Voltage Range:	Fixed
Load Regulation:	±5%
Line Regulation:	±1%
Insulation:	2-pin ClassII
Isolation:	Input - Output 3000VAC
Safety:	EN60950-1, AS/NZS60950 pending
EMC:	Emission: EN55022-B
Immunity:	EN610006-3, -4
Operating Temp:	-0°C to +40°C
Efficiency:	Model dependent, typically 70%
Protection:	Current limiting Short circuit protection Overvoltage protection
Dimensions & Weight:	50 x 36 x 64mm 150 grams

Model 18W	Output		Power W
	V	A	
FPA181A - 030 - 280	3.0V	2.8A	8.4W
FPA181A - 050 - 280	5.0V	2.8A	14W
FPA181A - 090 - 200	9.0V	2.0A	18W
FPA181A - 120 - 150	12.0V	1.5A	18W
FPA181A - 135 - 120	13.5V	1.2A	18W
FPA181A - 150 - 120	15.0V	1.2A	18W
FPA181A - 160 - 095	16.0V	0.95A	18W
FPA181A - 180 - 095	18.0V	0.95A	17.1W
FPA181A - 240 - 070	24.0V	0.7A	16.8W

Description

The **FPA** series Wall Plug power supplies offer customers a low cost solution for a wide range of applications. Available in three power levels of 12, 15 and 18 watts and output voltage options from 3.0 - 24VDC. Apart from the models illustrated in the tables below, we can supply models to customer specifications. The 18W models are a stock line product, whilst the 12 and 15 watts are manufactured to order and minimum production orders may apply.

Options

Blank:	2.1 x 5.5mm straight barrel plug
-01:	2.5 x 5.5mm straight barrel plug
-02:	Exchangeable straight barrel plug
-03/-04:	2.1 x 55mm / 2.5 x 5.5mm right angle barrel plug

Model 12W	Output		Power W
	V	A	
FPA121A - 030 - 200	3.0V	2.0A	6W
FPA121A - 050 - 200	5.0V	2.0A	12W
FPA121A - 090 - 130	9.0V	1.3A	12W
FPA121A - 120 - 100	12.0V	1.0A	12W
FPA121A - 135 - 085	13.5V	0.85A	12W
FPA121A - 150 - 080	15.0V	0.80A	12W
FPA121A - 160 - 075	16.0V	0.75A	12W
FPA121A - 180 - 060	18.0V	0.60A	12W
FPA121A - 240 - 050	24.0V	0.50A	12W

Model 15W	Output		Power W
	V	A	
FPA151A - 030 - 250	3.0V	2.5A	7.5W
FPA151A - 050 - 250	5.0V	2.5A	12.5W
FPA151A - 090 - 160	9.0V	1.6A	14.4W
FPA151A - 120 - 125	12.0V	1.25A	15W
FPA151A - 135 - 110	13.5V	1.10A	14.95W
FPA151A - 150 - 100	15.0V	1.0A	15W
FPA151A - 160 - 055	16.0V	0.55A	8.8W
FPA151A - 180 - 075	18.0V	0.75A	13.5W
FPA151A - 240 - 060	24.0V	0.6A	14.4W