

# AD18W SERIES

AC / DC Single Output: 15~ 18 Watts



## Features

- Universal input 90 ~ 264VAC
- Energy Star / MEPS Compliant
- Australian 2pin plug
- LED output
- Wide range of output connector options
- Fully isolated input – output
- Overload and short circuit protection
- Suitable for a wide range of applications
- MTBF > 50,000hrs
- Specials output voltage on request
- EMC C-Tick approved
- AS/NZS approval N24194



## General Specifications

<b>Input Voltage</b>	90 ~ 264VAC
<b>Frequency</b>	47 ~ 63Hz
<b>Output Power</b>	15-18 watts
<b>No Load Power</b>	<0.5W
<b>Leakage Current</b>	0.25mA maximum
<b>Output Voltage</b>	3 ~ 24VDC
<b>Voltage Accuracy</b>	Output voltage setting within 5%
<b>Voltage Range</b>	Fixed
<b>Ripple &amp; Noise</b>	Model dependent typically 1% mV pk-pk
<b>Load Regulation</b>	± 5%
<b>Line Regulation</b>	± 1%
<b>Insulation</b>	2pin Class II
<b>Isolation</b>	Input-Output: 3000VAC
<b>Safety</b>	EN60950-1, AS/NZS 60950 approval
<b>EMC</b>	Emission: EN55022 B
<b>Immunity</b>	EN610006-3, EN55024
<b>Operating Temp.</b>	-0°C to +40°C.
<b>Efficiency</b>	Model dependant, typically >80%
<b>Protection</b>	<ul style="list-style-type: none"><li>• Current limiting &amp; Short circuit protection</li><li>• Overvoltage protection.</li></ul>
<b>Case Material</b>	Black ABS+PC (ULI94B-0 )
<b>Dimensions</b>	82 x 30.5 x 58mm ( L*W*H )
<b>Weight</b>	160g

## Description

Then AD18W series Wall Plug power supplies, offers customers a low cost solution for a wide range of applications.

Offering 15 – 18 watts of output power and output voltage options from 3.0 ~ 24VDC

Apart from the voltages illustrated in the tables below, we can offer models to customer specifications.

## Output Plug Options

<b>Blank</b>	2.5 x 5.5x 10mm Straight barrel plug
<b>-01</b>	2.1 x 5.5mm Straight barrel plug
<b>-02</b>	Exchangeable Straight barrel plug

Model 18W	Output		Power W
	V	A	
<b>AD18W-030-300S</b>	3.0V	3.A	9.0W
<b>AD18W -050-300S</b>	5.0V	3.0A	15W
<b>AD18W -060-250S</b>	6.0V	2.5A	15W
<b>AD18W -090-250S</b>	9.0V	2.0A	18W
<b>AD18W -012-150S</b>	12.0V	1.5A	18W
<b>AD18W -135-133S</b>	13.5V	1.3A	18W
<b>AD18W -150-120S</b>	15.0V	1.2A	18W
<b>AD18W -180-095S</b>	18.0V	0.97A	17W
<b>AD18W -240-075S</b>	24.0V	0.75A	18W