

# BDA SERIES

AC/DC Single Output: 50 - 150 Watts



## Features

- Universal input: 90 - 264VAC
- Industrial grade case
- Short circuit and OVP protection
- Harmonic correction EN61000-3-2
- EMC EN55022
- Immunity EN6100 - 4
- Wide range of output voltage options
- Voltage adjustment
- Stand alone or panel mounting case
- Convection cooled
- Suitable for **Battery Charging**

## General Specifications

<b>Input Voltage:</b>	90 - 264VAC
<b>Output Voltage:</b>	5 - 48VDC
<b>Output Power:</b>	50 - 150 watts
<b>Voltage Adjustment:</b>	±10%
<b>Efficiency:</b>	Model dependent 67 - 85%
<b>Line Regulation:</b>	Typically 0.2%
<b>Load Regulation:</b>	Typically 0.5%
<b>Output Protection:</b>	Current limiting/ Short circuit protection Output protection
<b>EMC:</b>	EN55022 Level A
<b>Immunity:</b>	EN61000-4
<b>Isolation:</b>	Input - Output 3000VAC
<b>Operating Temp:</b>	-10°C to 50°C at 100% load
<b>Cooling:</b>	Convection cooled
<b>Connector:</b>	2 way screw terminals
<b>Dimensions/Weight:</b>	260 x 105 x 75mm 1 - 2Kg

## Description

The BDA series power supplies were designed for use as a stand-alone product with mains power cable, but can also be panel mounted for fixed installations.

The end result is a product that can be safely used in a wide range of industrial applications with output voltage options from 5 to 48VDC.

With field proven reliability over 18 years, the BDA series provides an excellent solution for many industrial applications requiring a fully enclosed power supply.

Overload protection is via *constant current limiting*, making the BDA series suitable for use in battery charging applications. Please consult our sales office for suitable models.

## Options

N/A

Model	Output		Power W
	V	A	
BDA50 - 5	5V	10A	50W
BDA50 - 12	12V	4.3A	50W
BDA50 - 15	15V	3.5A	50W
BDA50 - 24	24V	2.1A	50W
BDA50 - 48	48V	1.1A	50W
BDA75 - 5	5V	15A	75W
BDA75 - 12	12V	6.3A	75W
BDA75 - 15	15V	5.0A	75W
BDA75 - 24	24V	3.2A	75W
BDA75 - 28	28V	2.7A	75W
BDA75 - 48	48V	1.6A	75W

Model	Output		Power W
	V	A	
BDA100 - 5	5V	20A	100W
BDA100 - 12	12V	8.5A	100W
BDA100 - 15	15V	6.7A	100W
BDA100 - 24	24V	4.3A	100W
BDA100 - 28	28V	3.6A	100W
BDA100 - 48	48V	2.1A	100W
BDA150 - 5	5V	30A	150W
BDA150 - 12	12V	12.5A	150W
BDA150 - 15	15V	10.0A	150W
BDA150 - 24	24V	6.3A	150W
BDA150 - 28	28V	5.4A	150W
BDA150 - 48	48V	3.2A	150W