

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

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