



Features

- RoHS lead solder exemption compliant
- Industry-standard DIP Package
- Industry-standard pinout
- 85 °C case operation
- Short-circuit protection
- 5V input
- Input LC filter
- Regulated outputs
- 500V isolation

Dimensions: 1.25" (31.8mm) x 0.80" (20.3mm) x 0.40" (10.2mm)

Description

BRS single-output DC-DC converters offer excellent regulation and isolation in an industry-standard DIP package. The 5V input BRS is ideal for industrial and EDP applications. The BRS features short-circuit protection and 500 VDC isolation. Please see the BRD Series for dual-output applications.

Model Selection

MODEL	INPUT VOLTAGE RANGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (AMPS)
BRS505	4.65 - 5.5	5	0.300
BRS509	4.65 - 5.5	9	0.200
BRS512	4.65 - 5.5	12	0.150
BRS515	4.65 - 5.5	15	0.150

 Model numbers highlighted in yellow or shaded are not recommended for new designs.

NUCLEAR AND MEDICAL APPLICATIONS - Power-One products are not designed, intended for use in, or authorized for use as critical components in life support systems, equipment used in hazardous environments, or nuclear control systems without the express written consent of the respective divisional president of Power-One, Inc.

TECHNICAL REVISIONS - The appearance of products, including safety agency certifications pictured on labels, may change depending on the date manufactured. Specifications are subject to change without notice.