



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

**Features**

- Industry-standard package
- Industry-standard pinout
- 85°C case operation
- Short-circuit protection
- 5V and 12V inputs
- Input Pi filter
- Low-profile DIP package
- 500V isolation

**Description**

CUS non-regulated dc-dc converters offer short-circuit protection and 500 VDC isolation in an industry-standard DIP package. Available in 5V or 12V input versions, the CUS is ideal for industrial and EDP applications. Please see the CUD Series for dual-output applications.

**Model Selection**

MODEL	INPUT VOLTAGE RANGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (AMPS)
CUS509	4.65 - 5.50	9	0.150
CUS512	4.65 - 5.50	12	0.125
CUS515	10.80 - 13.20	15	0.100
CUS1205	10.80 - 13.20	5	0.220
CUS1209	10.80 - 13.20	9	0.150
CUS1212	10.80 - 13.20	12	0.125
CUS1215	10.80 - 13.20	15	0.100

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

NUCLEAR AND MEDICAL APPLICATIONS - Power-One products are not 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.

REV. JUN 01, 2004