



- Full 2:1 Input Range for Battery and Telecommunication Applications
- Continuous Short Circuit Protection
- Overvoltage Protection
- Six-sided Shielding
- Fully Regulated
- Input/Output Isolation

Input Voltage: 5, 12, 24, 48V
Input Range: 2:1
Input Filter: Pi

Output Voltage: 5, 12, 15, ± 12 , ± 15
Voltage Accuracy: + Output $\pm 1\%$
- Output $+2\%$

Line Regulation: $\pm .1\%$

Load Regulation: + 1 %

Temperature Coefficient: $+ .02\% / ^\circ\text{C}$

Ripple and Noise: 1 % pp

(20 MHz Bandwidth)

Short Circuit Protection: Foldback

Overvoltage Protection: Clamp

Efficiency: 60% to 75%
Isolation Voltage: 500 Vdc
Operating Temperature: -25 °C to 71 °C
Storage Temperature: -40 °C to 105 °C
Case Type: Six-sided Continuous
Metal Case With
Non-Conductive Base
Size: 2" x 2" x .4"

MODEL NUMBER		INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
DC-801	SINGLE	4.5- 6V	5V	1000mA
DC-802		4.5- 6V	12V	400mA
DC-803		4.5- 6V	15V	333mA
DC-811		9-18V	5V	1000mA
DC-812		9-18V	12V	400mA
DC-813		9-18V	15V	333mA
DC-821		18-36V	5V	1000mA
DC-822		18-36V	12V	400mA
DC-823		18-36V	15V	333mA
DC-831		36-72V	5V	1000mA
DC-832	36-72V	12V	400mA	
DC-833	36-72V	15V	333mA	
DC-808	DUAL	4.5- 6V	± 12V	± 200mA
DC-809		4.5- 6V	± 15V	± 167mA
DC-818		9-18V	± 12V	± 200mA
DC-819		9-18V	± 15V	± 167mA
DC-828		18-36V	± 12V	± 200mA
DC-829		18-36V	± 15V	± 167mA
DC-838		36-72V	± 12V	± 200mA
DC-839		36-72V	± 15V	± 167mA

[illegible]

PIN	SINGLE	DUAL
1	+ INPUT	+ INPUT
2	- INPUT	- INPUT
3	+ OUTPUT	+ OUTPUT
4	NC	COMMON
5	- OUTPUT	- OUTPUT

CALL TOLL FREE 1-800-367-0004 FOR MORE INFORMATION.

150 Dan Road, Canton, Massachusetts 02021 • Tel: 617-828-4992 • Fax: 617-828-5050