



DC-DC CONVERTERS

INDUSTRY PROVEN High Performance Switching Converters



- **SDC-15**
- **SDC-23**

DESCRIPTION

- 20-30VDC Input
- Regulated 13.8VDC Output
- 15A and 23A Models
- Extruded Aluminum Case

APPLICATIONS

- Telecommunications
- Rugged Mobile Environments
- Construction Vehicles
- OEM



- **SD-150C-12**
- **SD-150D-12**

DESCRIPTION

- 36-72VDC/72-144VDC Input
- Adjustable 11-16VDC Output
- 12.5A Output
- High Efficiency

APPLICATIONS

- Telecommunications
- Locomotives
- Marine
- OEM

CUSTOM DESIGN SERVICES AVAILABLE



SAMLEX AMERICA®

DC-DC CONVERTERS

SPECIFICATIONS

STANDARD CONVERTERS

MODEL	Input	Output	Dimensions	Weight
SDC-05	20-30 VDC	13.8V, 5 A	1.75" x 1.75" x 3.5"	.5 lbs
SDC-15	20-30 VDC	13.8V, 12A	2.4" x 7.8" x 4.9"	2 lbs
SDC-23	20-30 VDC	13.8V, 20A	2.4" x 7.8" x 4.9"	2 lbs

INDUSTRIAL CONVERTERS

SD-25 Series			SD-50 Series		
	Input	Output		Input	Output
SD-25A-5	9.2-18V	5V, 5A	SD-50A-5	9.2-18V	5V, 10A
SD-25A-12	9.2-18V	12V, 2.1A	SD-50A-12	9.2-18V	12V, 4.2A
SD-25A-24	9.2-18V	24V, 1.1A	SD-50A-24	9.2-18V	24V, 2.1A
SD-25B-5	19-36V	5V, 5A	SD-50B-5	19-36V	5V, 10A
SD-25B-12	19-36V	12V, 2.1A	SD-50B-12	19-36V	12V, 4.2A
SD-25B-24	19-36V	24V, 1.1A	SD-50B-24	19-36V	24V, 2.1A
SD-25C-5	36-72V	5V, 5A	SD-50C-5	36-72V	5V, 10A
SD-25C-12	36-72V	12V, 2.1A	SD-50C-12	36-72V	12V, 4.2A
SD-25C-24	36-72V	24V, 1.1A	SD-50C-24	36-72V	24V, 2.1A

SD-100 Series			SD-150 Series		
	Input	Output		Input	Output
SD-100B-5	19-36V	5V, 20A	SD-150B-12	19-36V	12V, 12.5A
SD-100B-12	19-36V	12V, 8.5A	SD-150B-24	19-36V	24V, 6.3A
SD-100B-24	19-36V	24V, 4.2A	SD-150C-12	36-72V	12V, 12.5A
SD-100C-5	36-72V	5V, 20A	SD-150C-24	36-72V	24V, 6.3A
SD-100C-12	36-72V	12V, 8.5A	SD-150D-12	72-144V	12V, 12.5A
SD-100C-24	36-72V	24V, 4.2A	SD-150D-24	72-144V	24V, 6.3A
SD-100D-5	72-144V	5V, 20A			
SD-100D-12	72-144V	12V, 8.5A			
SD-100D-24	72-144V	24V, 4.2A			