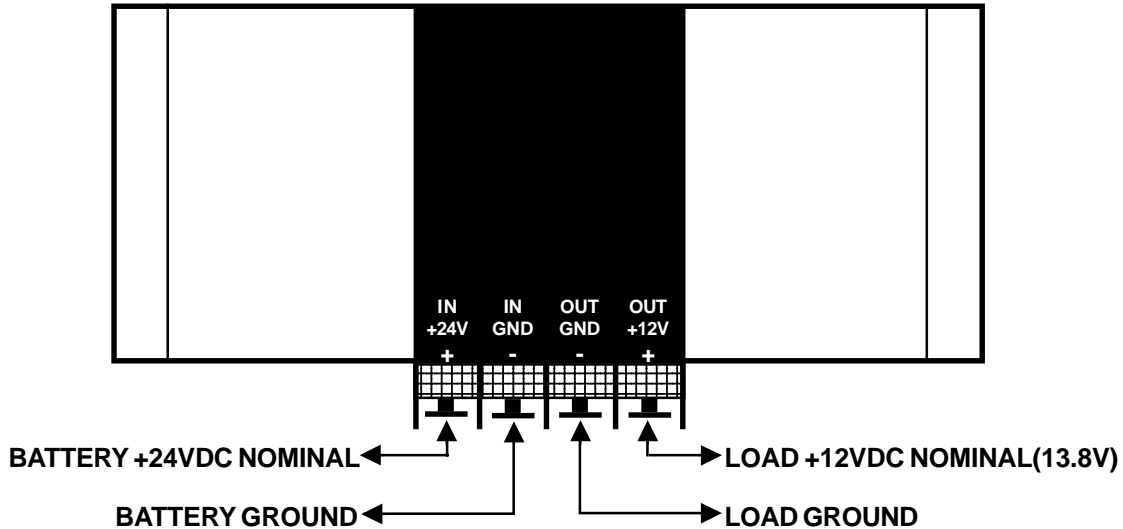


CAUTION!

**CONNECT TO NEGATIVE GROUND SYSTEMS ONLY.
INPUT & OUTPUT ARE NOT ISOLATED AND SHARE COMMON
CHASSIS GROUND**



INSTALLATION INSTRUCTIONS

CAUTION! DO NOT USE TO CHARGE A 12V BATTERY

DO NOT APPLY POWER TO THE CONVERTER UNTIL IT IS COMPLETELY WIRED.

1. MOUNT CONVERTER SECURELY, AS CLOSE TO BATTERY AS POSSIBLE.
2. WIRE CONVERTER DIRECTLY TO BATTERY FOR BEST RESULTS.
3. USE HEAVY GAUGE AWG 10 WIRE FOR CONNECTIONS.

TROUBLE SHOOTING

1. CHECK EXTERNAL FUSE, IF BLOWN REPLACE WITH CORRECT RATED FUSE.
2. CHECK 24 VDC POWER SOURCE.
3. CHECK FOR ERRATIC INPUT VOLTAGE. STABILIZE INPUT VOLTAGE.
4. CHECK THAT ALL CONNECTIONS ARE SECURE.

SPECIFICATIONS : SDC-23

INPUT VOLTAGE	20-30 VDC
OUTPUT VOLTAGE	13.8 VDC +/- 0.1V @ 20A
CONTINUOUS OUTPUT CURRENT	20A
PEAK OUTPUT CURRENT	23A
CURRENT LIMIT	24 +/- 0.5A
LINE REGULATION	0.01V, 20A, 20-30V
LOAD REGULATION	0.15V, 26V, 0-20A
EFFICIENCY	>90%
RIPPLE	<50mV P-P @20A
NOISE	<120mV P-P @20A
FUSE	15A

For detailed schematics and testing procedures send your request via fax to (604) 525-5221 or e-mail at samlex@samlexamerica.com

Samlex DC-DC Converters are covered by a 2 year limited warranty. Contact Samlex or your dealer for additional information. Please retain your original bill of sale, it must be submitted when making any warranty claim.