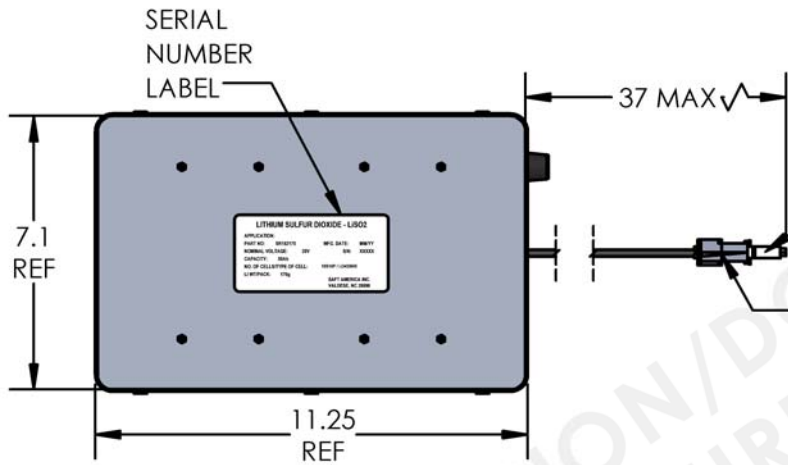


LITHIUM SULFUR DIOXIDE - LiSO₂

APPLICATION:
 PART NO: SR182175 MFG. DATE: MM/YY
 NOMINAL VOLTAGE: 28V S/N: XXXXX
 CAPACITY: 50Ah
 NO. OF CELLS/TYP/TYPE OF CELL: 10S10P / LO43SHX
 LI WT/PACK: 170g
 SAFT AMERICA INC.
 VALDESE, NC 28690

SERIAL NUMBER LABEL



CAUTION: HIGH ENERGY LITHIUM BATTERY

DO NOT INCINERATE, EXPOSE TO TEMPERATURES ABOVE 185° F (85° C) OR RECHARGE. DO NOT DISCHARGE BELOW 2.0 VOLTS PER CELL.

NOTE: BATTERY CONTAINS:
 DIODE: 5A
 FUSE: 5A

SAFT AMERICA INC.
 VALDESE, NC 28690

STORAGE LABEL

NOTES:

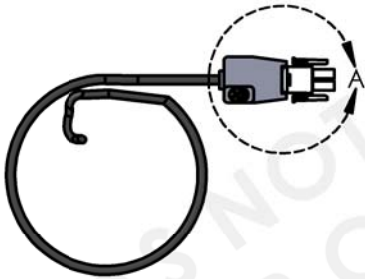
- 10S10P LO43SHX CELLS. EACH 10S STRING CONTAINS 60V/5A DIODE, PMEG060V050EPD, AND 1A SLO BLO FUSE.
 - EACH 10S STRING IS INDIVIDUALLY TESTED BEFORE PACK ASSEMBLY
- PACK PROTECTION CONSISTS OF 5A SLO BLO 3AG FUSE IN PANEL MOUNT, HTB-641-R, FUSE HOLDER IN SERIES WITH BAT+ LEAD
- OUTPUT CONNECTOR: TE CONNECTIVITY PART NUMBER - 350777-1
 - CONNECTOR STRAIN RELIEF TE CONNECTIVITY PART NUMBER 640713-1
- BATTERY POTTED USING URETHANE LOCKFOAM
- AFTER ALL FINAL INSPECTION AND TESTS, WRAP CABLE INTO COIL AND SECURE TO BATTERY USING RUBBER BAND (MRO # BA 1052).
- BATTERY WEIGHT <17LBS

***** FINAL TEST TABLE *****

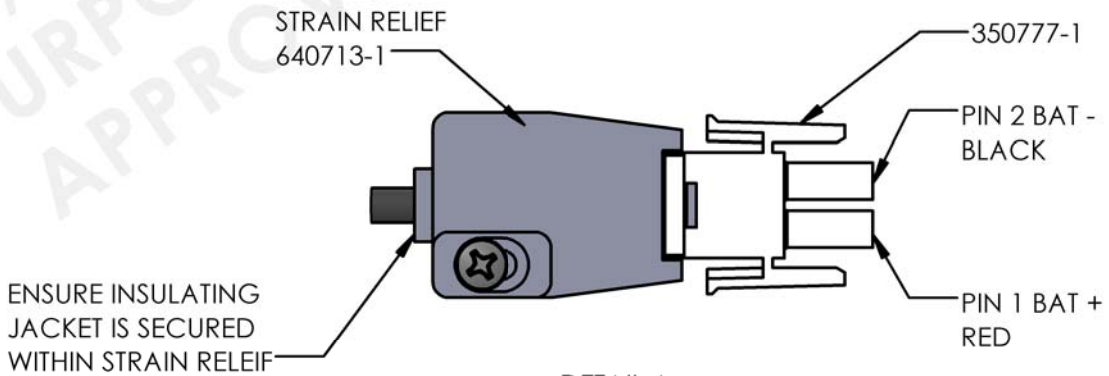
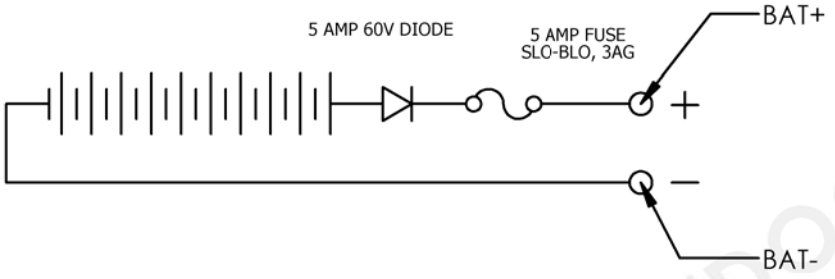
TEST	VOLTS (MIN)	VOLTS (MAX)	LOAD AMPS	TIME	LOAD OHM	EQUIPMENT
NO LOAD (OCV)	29	30.5				JENKINS BATTERY TESTER
LOAD VOLTAGE (LV)	22			≥5	22	
DIODE	61.5	62.5	5mA			

CUSTOMER CONTROLLED			
CUSTOMER PN:	EC-310-301-DE	CUSTOMER REV:	B
TITLE	10S10P - LO43SHX CELLS WITH 60V/5A DIODE PER STRING		REV HISTORY ON SHEET 1 ONLY
PART NUMBER	SR182175		REV P5

saft	313 Crescent Street Valdeese, NC 28690 USA Telephone 828-874-4111 Fax 828-874-2431	THIS DRAWING OR SPECIFICATION IS THE PROPERTY OF SAFT AMERICA INC. AND SHALL NOT BE REPRODUCED, COPIED, OR USED AS THE BASIS FOR THE MANUFACTURE OR SALES OF APPARATUS WITHOUT PERMISSION. THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.	DRAWN BY:	DATE:	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES	See Sheet 1 for Approval Details	SIZE: A SCALE: NONE CAGE: 7X634 SHEET 2 OF 3
			JAL	10/02/20			
			THIS DRAWING BASED ON ANSI Y14.5M-1994				



SIMPLIFIED WIRING SCHEMATIC



DETAIL A

CONNECTOR PIN OUT

WIRE COLOR	AWG	PINS	PIN OUT	DESIG
RED	20	640347-2	1	BAT+
BLACK	20	640347-2	2	BAT-

CUSTOMER CONTROLLED	
CUSTOMER PN:	EC-310-301-DE
CUSTOMER REV:	B

	313 Crescent Street Valdese, NC 28690 USA Telephone 828-874-4111 Fax 828-874-2431	<small>THIS DRAWING OR SPECIFICATION IS THE PROPERTY OF SAFT AMERICA INC. AND SHALL NOT BE REPRODUCED, COPIED, OR USED AS THE BASIS FOR THE MANUFACTURE OR SALES OF APPARATUS WITHOUT PERMISSION. THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.</small>	<small>DRAWN BY:</small> JAL	<small>DATE:</small> 10/02/20	<small>UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES</small> TOLERANCES: ANGLES: $\pm 0^\circ - 30'$ FRACTIONS: $\pm 1/16$ 2 PLACE DECIMALS: $\pm .02$ 3 PLACE DECIMALS: $\pm .005$	See Sheet 1 for Approval Details	<small>SIZE: A</small> <small>SCALE: NONE</small> <small>CAGE: 7X634</small>	<small>TITLE</small> 10S10P - LO43SHX CELLS WITH 60V/5A DIODE PER STRING	<small>REV HISTORY ON SHEET 1 ONLY</small> REV P5
			<small>THIS DRAWING BASED ON ANSI Y14.5M-1994</small>				<small>SHEET</small> 3 OF 3		