



REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROVED
106051	A	INIT REL. 120V ONLY. SHOW R3A-R3B SEPARATELY	19 DEC 2011	TCG
106471	B	REDRAWN AND UPDATED	19 FEB 2014	TCG
108061	C	DIGITAL CONTROL BOARD, PROTOCOL BOARD	08 SEP 2020	TCG
109062	D	UPDATE J4 SIGNAL NAMES	07 JUL 2021	TCG

TABLE 2

OUTPUT	C3-C6	C7	L1	L2	CB2	PWR WIRES	GND WIRE
120V 6A	1X 8200uF 200V	8200uF 200V	602223	602270	15A 250VDC	10 AWG	10 AWG
120V 12A	2X 8200uF 200V	8200uF 200V	602227	602273	15A 250VDC	10 AWG	10 AWG
120V 16A	2X 8200uF 200V	8200uF 200V	602232	602276	20A 250VDC	10 AWG	10 AWG
120V 25A	2X 8200uF 200V	8200uF 200V	602236	602Q79	35A 250VDC	10 AWG	10 AWG
120V 35A	3X 8200uF 200V	8200uF 200V	602241	602283	50A 250VDC	8 OR 6 AWG	10 AWG
120V 50A	4X 8200uF 200V	8200uF 200V	602245	602286	70A 250VDC	6 AWG	6 AWG

NOTES

- OUTPUT CONFIGURATION FOR 120V MODELS WITH TWO STAGE OUTPUT FILTER, WITHOUT OUTPUT BLOCKING DIODES
- C3-C7, CB2, L1, AND L2 VARY WITH OUTPUT RATING. SEE TABLE 2.
- CONTROL AND SENSE HARNESSES ARE 22 AWG MINIMUM. SEE TABLE 2 FOR DOOR GROUND AND OUTPUT POWER WIRES.

PROPRIETARY INFORMATION
THIS DRAWING AND DATA/EMBODY PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF STORED ENERGY SYSTEMS LLC (SENS) AND WHICH SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED TO OTHERS.

APPROVALS
DESIGNER
CHECKER
ENGINEER
T. GROUT

SENS
STORED ENERGY SYSTEMS
LONGMONT, CO

WD, IQ, OUTPUT, 120V, 2 STG
RECTIFIER, FILTER AND POWER OUTPUT
SIZE: C DWG NUMBER: WD/00587
07 JUL 2021
SHEET 2 OF 3

© 2021 STORED ENERGY SYSTEMS, LLC
FILE: WD_00587.SCHDOC