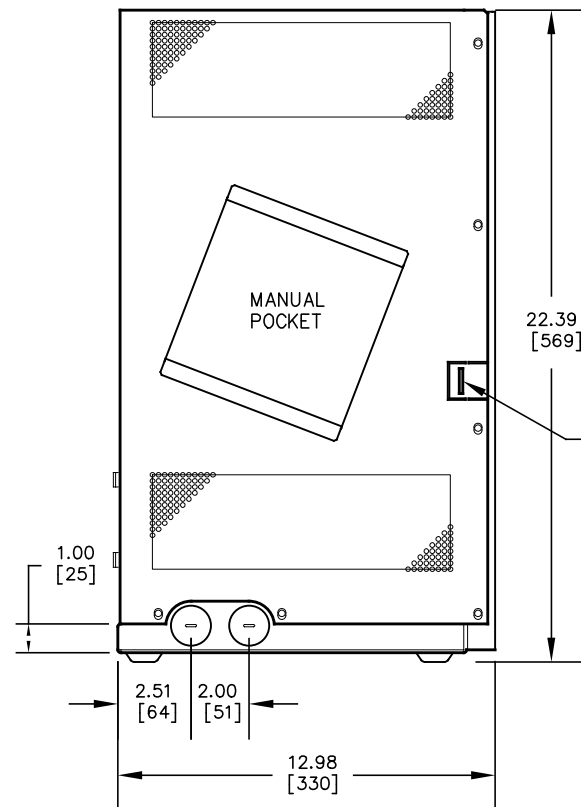
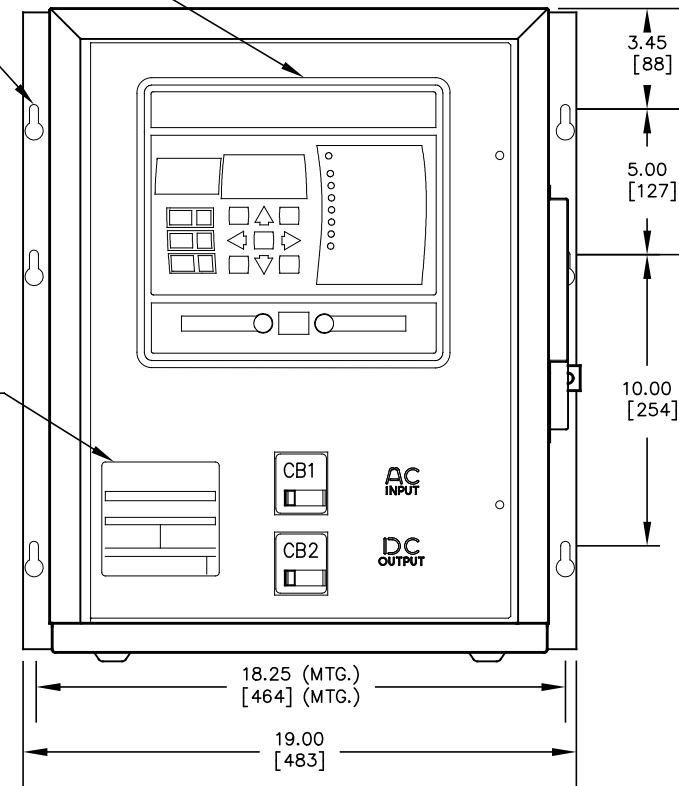


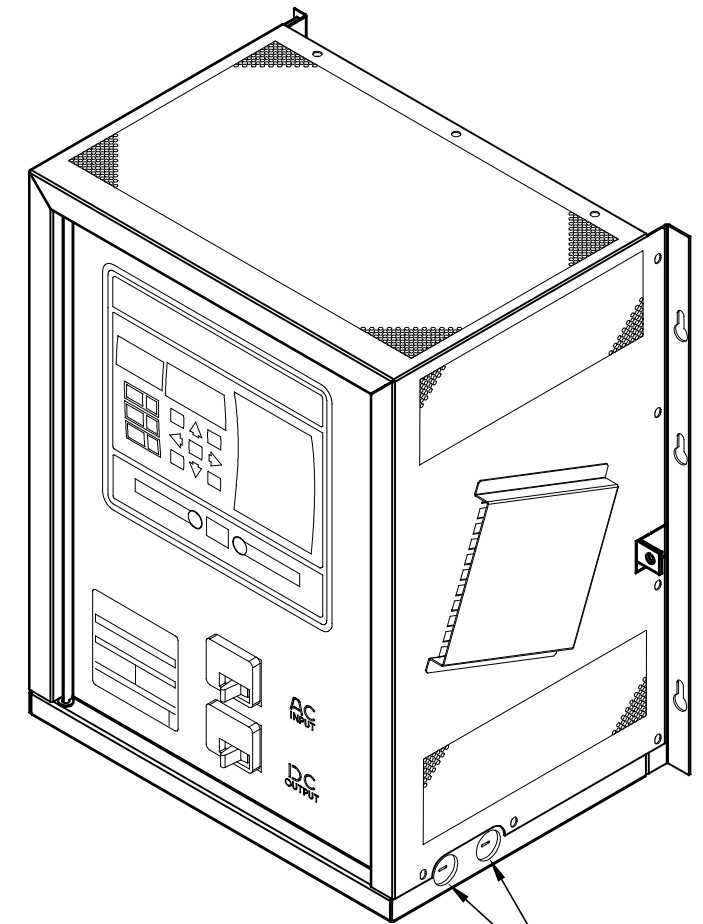
SEE DRAWING
JE5253-21

NOTE 3

NOTE 5

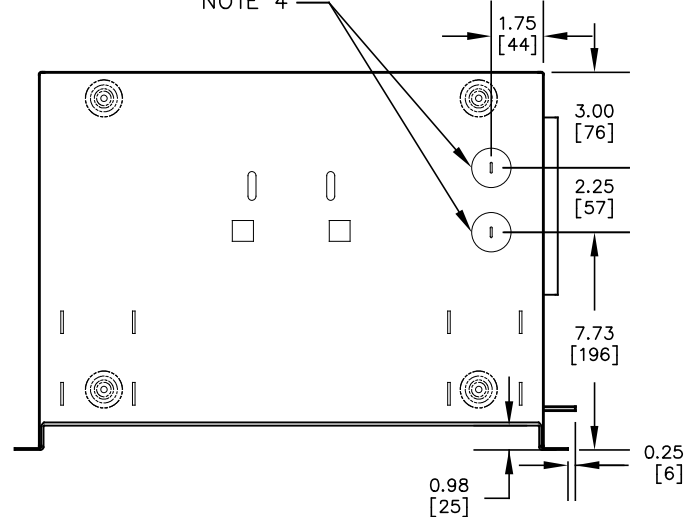


NOTE 7



NOTE 4

NOTE 4



NOTES:

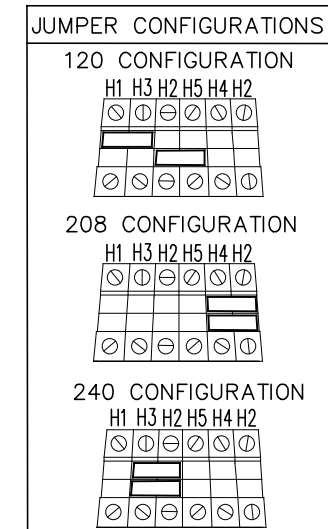
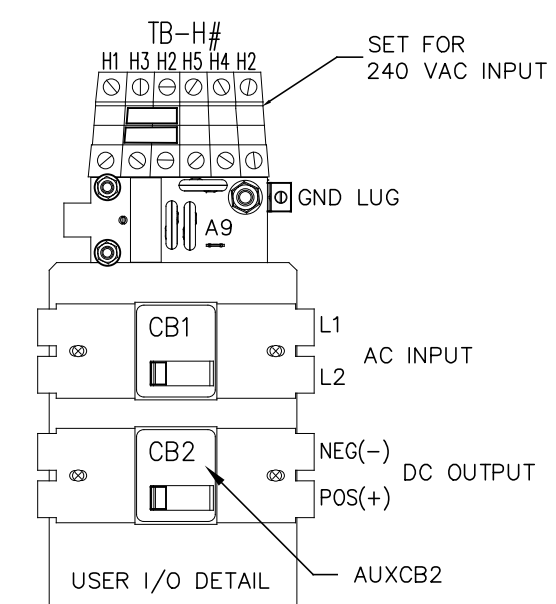
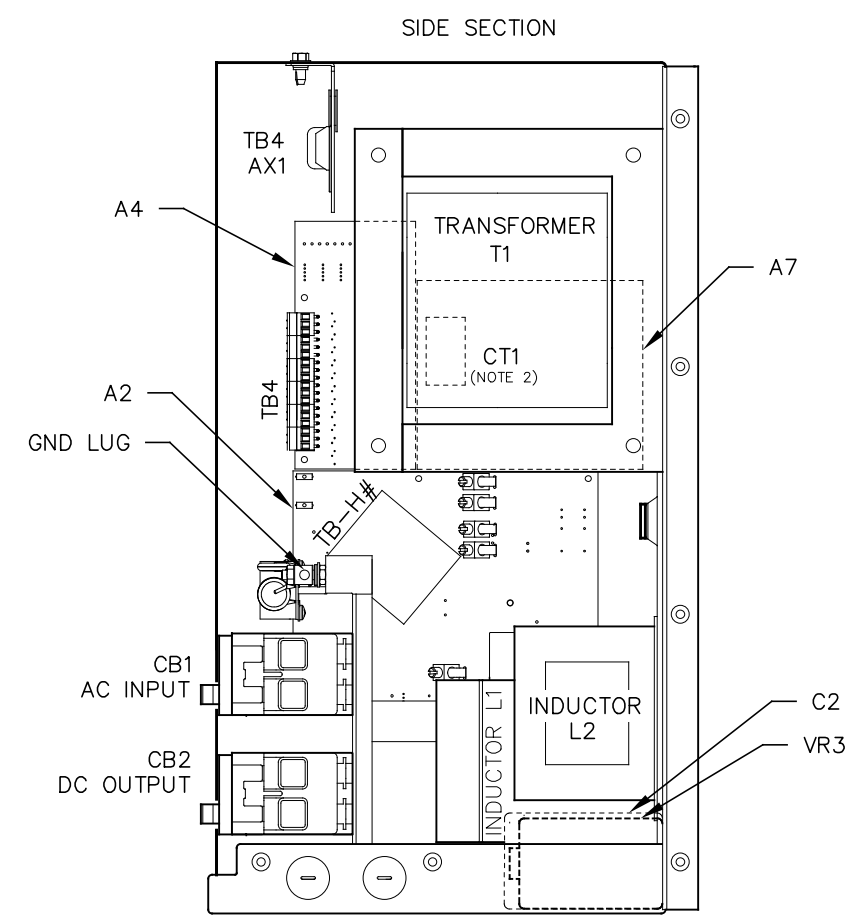
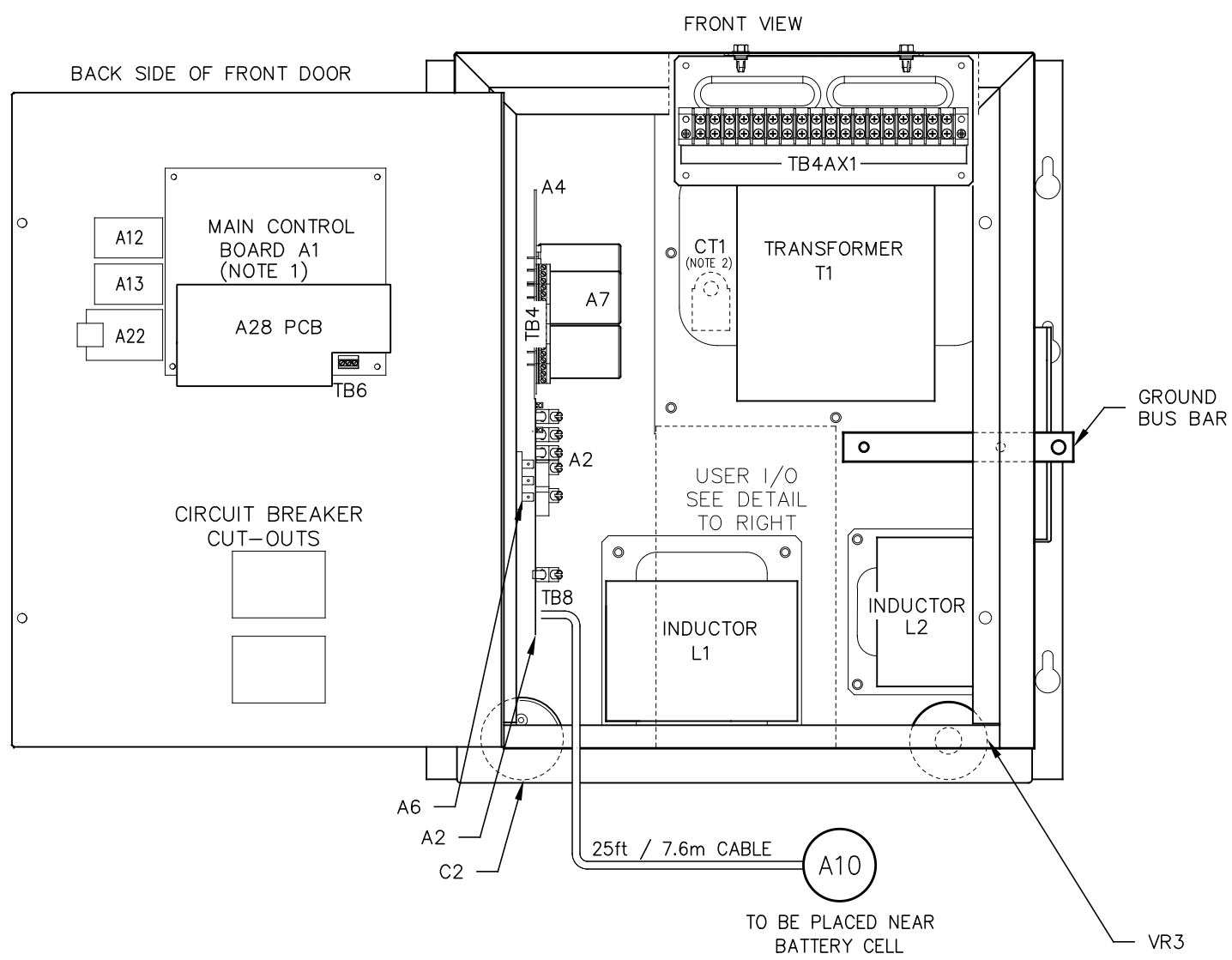
- ENCLOSURE IS A NEMA TYPE 1 / IP20 TOP-VENTED STEEL CABINET WITHOUT GASKETS. FINISH IS ANSI-61 GRAY EPOXY POWDERCOAT. BASE IS 14 GA. SHROUD IS 18 GA. DOOR IS 16 GA.
- ALLOW 6in / 152mm OF FREE AIR ON ALL VENTED SURFACES (TOP, SIDES & REAR) FOR COOLING.
- SIX (6) KEY-HOLE SLOTS ARE PROVIDED ON BACK OF ENCLOSURE AS SHOWN. FOR WALL-MOUNTING WITH 0.25in / 6.25mm HARDWARE.
- SIX (6) 1.31in / 33mm DIA KNOCKOUTS ARE PROVIDED AS SHOWN, WITH TWO (2) ADDITIONAL KNOCKOUTS FEATURED ON BOTTOM PANEL OF ENCLOSURE. USE OF ANY OF THESE FOUR (4) LOWER CONDUIT KNOCKOUTS WILL ALLOW REMOVAL OF CABINET SHROUD WITHOUT REMOVAL OF EXTERNAL WIRING.
- DATA NAMEPLATE DECAL (WITH CHARGER RATINGS) APPLIED TO DOOR.
- BATTERY CHARGER INSTALLATION WEIGHT: SEE PRODUCT LITERATURE.
- GROUND BUS BAR WITH 0.375 in / 9.52 mm DIA HOLE.

DUAL DIMENSIONS ⁱⁿ [mm]

REV	DRN BY	CHK BY	APP BY	DATE	DRN BY	DATE	TITLE ATEVO BATTERY CHARGER OUTLINE: NEMA-1 STYLE-5054 ENCL 1 ϕ W/ COMMON OPTIONS 6-25A
1	KMW	MCR	MCR	02142024	KJB	12/1/2021	
DESCRIPTION Rev. 1 (02/2024)					CHK BY	DATE	
					MCR	12/1/2021	
					APP BY	DATE	NOTICE: UNCONTROLLED DOCUMENT CHANGES / DIGITAL SIGNATURES MAINTAINED BY MANUFACTURER
					MCR	12/1/2021	
							SCALE B NTS
					DWG No JE5251-21		
							REV 1A
							SHEET 1 OF 1

SYM	STANDARD COMPONENT DESCRIPTION
A1	MAIN CONTROL PCB
A6	RECTIFIER H/S ASSEMBLY
A2	POWER BOARD
A7	FILTER BOARD (C1x/R9x)
A9	MOV PCB
CB1	AC INPUT CIRCUIT BREAKER (Bx)
CB2	DC OUTPUT CIRCUIT BREAKER (Bx)
AUXCB2	DC CKT BKR (CB2) AUXILIARY CONTACTS
L1	MAIN INDUCTOR
L2	FILTER INDUCTOR
T1	POWER ISOLATION TRANSFORMER
TB6	COMMON ALARM RELAY (A1) CONTACTS

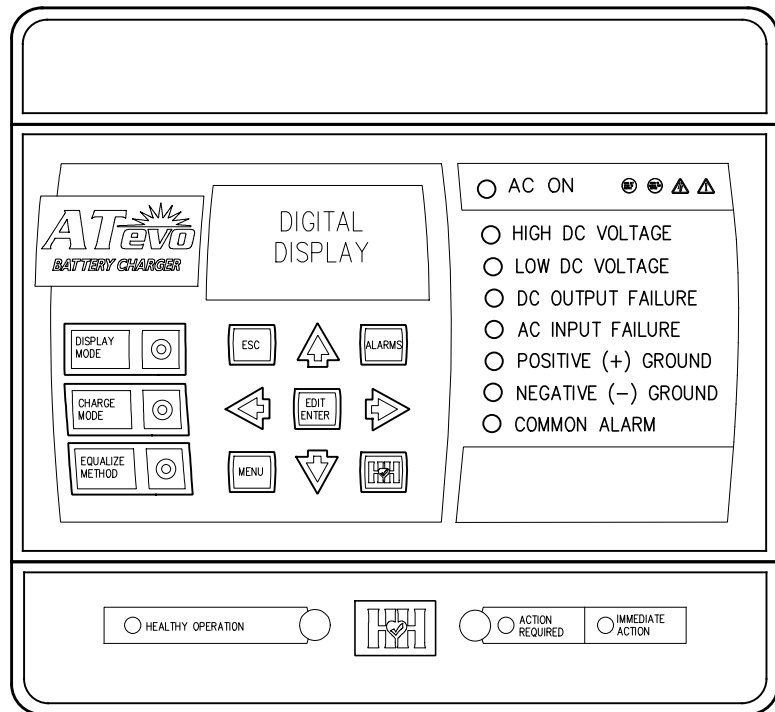
SYM	SUPPLIED OPTION COMP DESCRIPTION
A4	AUXILIARY I/O BOARD
A10	TEMPERATURE COMPENSATION PROBE
A12	SERIAL COMMUNICATION ADAPTER
A13	FORCED LOAD SHARING PCB
A22	ETHERNET COMMUNICATION ADAPTER
A28	AC METER MODULE PC BOARD
C2	BATTERY ELIMINATOR FILTER CAP
CT1	CURRENT TRANSFORMER
TB4	AUX ALARM PCB (A4) TERM BLOCK
VR3	AC INPUT LIGHTNING ARRESTOR



- NOTES:
- FOR DETAIL VIEWS OF ALL PC BOARDS (A1, A2, A4 etc.) SEE DRAWING JE5253-01.
 - CURRENT TRANSFORMER (CT1) AFFIXED TO LINE 1 BETWEEN AC INPUT BREAKER (CB1) AND POWER ISOLATION TRANSFORMER (T1).

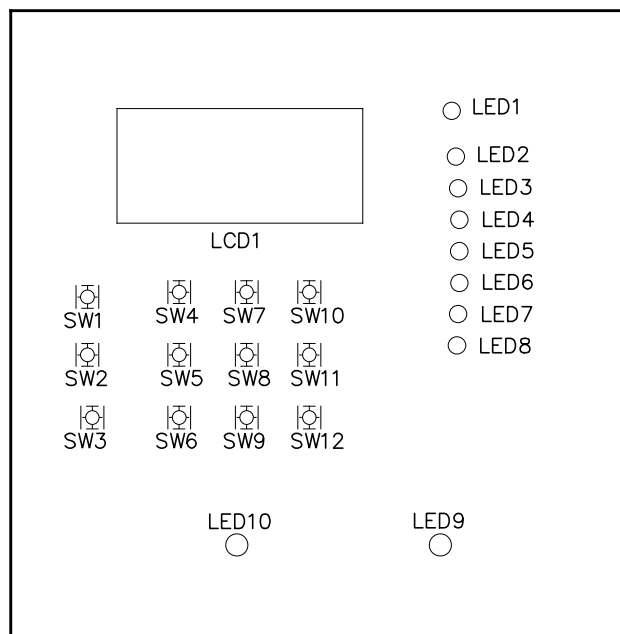
I/O TERMINAL	DESCRIPTION - TYPE	CONNECTION
CB2 (+/-)	POS/NEG DC OUTPUT TERMINALS - CKT BREAKER COMPRESSION LUG	#14-2/0 AWG
GND LUG	USER GROUND TERMINAL - CU-ALUMINUM COMPRESSION LUG	#14-6 AWG
CB1 (L1/L2)	AC INPUT TERMINALS - CKT BREAKER COMPRESSION LUG	#14-2/0 AWG
GND BUS	COPPER GROUND BUS - 0.375 in / 9.525 mm DIA HOLE	0.38in/9.7mm RING LUG
(NOTE 1) (A2) TB1	POS/NEG REMOTE SENSE TERMS (A2) - SOLDERLESS COMP SCREW	#22-14 AWG
(A2) TB8	TEMPCO PROBE (A10) TERM BLK - SOLDERLESS COMP SCREW	#22-14 AWG
(A1) TB6	SUMMARY ALARM TERMINAL BLOCK (A1) - SOLDERLESS COMP SCREW	#22-14 AWG
TB4AX1	BARRIER TYPE AUX ALARM (A4) CONTACT - 6-32 BNDR HD SCREW	#16-14 AWG

REV	DRN BY	CHK BY	APP BY	DATE	DRN BY	DATE	TITLE ATEVO BATTERY CHARGER INTERNAL COMPONENT LAYOUT: STYLE-5054 1 φ W/ COMMON OPTIONS 6-25A
1	KMW	MCR	MCR	02142024	KJB	12/1/2021	
DESCRIPTION				CHK BY	DATE	NOTICE: UNCONTROLLED DOCUMENT CHANGES / DIGITAL SIGNATURES MAINTAINED BY MANUFACTURER	
Rev. 1 (02/2024)				MCR	12/1/2021		
				APP BY	DATE	SCALE B	
				MCR	12/1/2021		
						DWG No	JE5252-21
						REV	1
						SHEET	1 OF 1

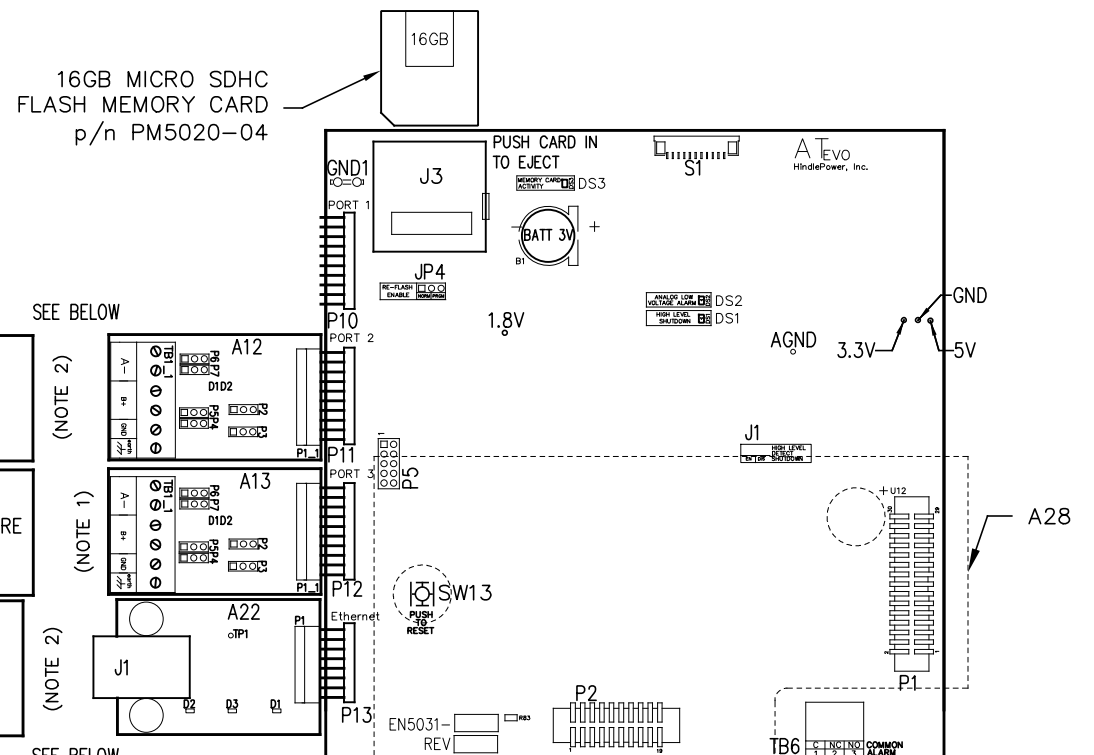


CONTROL PANEL
(p/n FK5047-00)

NOTE: UNLESS OTHERWISE SPECIFIED, ALL USER ALARM TERMINAL BLOCKS ARE SOLDERLESS COMPRESSION SCREW TERMINALS, ACCEPTING #22-14 AWG WIRE. ALARM CONTACTS SHOWN IN NON-ALARM STATE, WITH CHARGER ENERGIZED AND RELAYS ENERGIZED (FAIL SAFE). ALL ALARM CONTACTS WILL CHANGE STATE WHEN ATEVO POWERED DOWN. CONTACT RATING IS 0.5A @ 125VAC/VDC RESISTIVE.



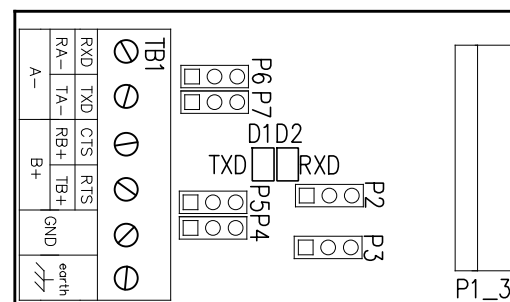
MAIN CONTROL PC BOARD (A1)
FRONT VIEW – FACING CHARGER DOOR WHEN INSTALLED



MAIN CONTROL PC BOARD (A1)
BACK VIEW – FACING CHARGER COMPONENTS WHEN INSTALLED

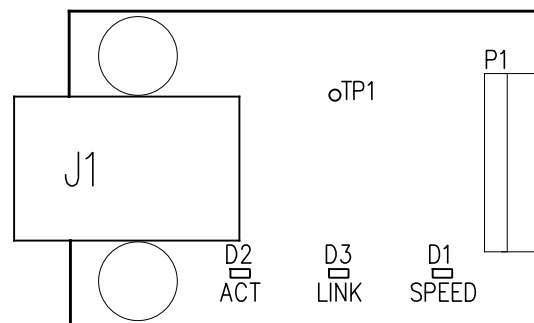
- NOTES:
- SEE JE5257-21 FOR FORCED LOAD SHARING AND A13 PC BOARD DETAIL.
 - SERIAL COMMUNICATIONS ADAPTER (A12) AND ETHERNET ADAPTER (A22) SUPPORT DNP3 LEVEL 2 AND MODBUS PROTOCOLS. SEE ATEVO COMMUNICATIONS MANUAL JA0102-54 FOR DETAILS.

SERIAL COMMUNICATION ADAPTER (A12)



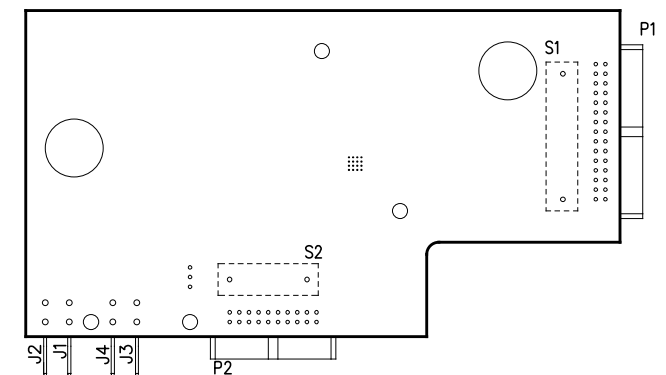
- CONNECTORS (A12):
P1 – MAIN CONTROL BOARD
- JUMPERS & CONFIGURATION SWITCHES (A12):
P2 – RECEIVER ENABLE CONTROL SELECTION
P3 – MEDIA CONTROL SELECTION (RS-234 OR RS-485)
P4 – RS-485 TERMINATION RESISTOR ENABLE (RECEIVE)
P5 – RS-485 TERMINATION RESISTOR ENABLE (TRANSMIT)
P6 – RS-485 INTERFACE 2 WIRE/4 WIRE SELECTION (A)
P7 – RS-485 INTERFACE 2 WIRE/4 WIRE SELECTION (B)
- TERMINAL BLOCKS (A12):
TB1 – USER CONNECTIONS TO SERIAL INTERFACE
- INDICATOR LIGHTS (A12):
TXD (D1) – SERIAL DATA BEING SENT
RXD (D2) – SERIAL DATA BEING RECEIVED

ETHERNET ADAPTER (A22)



- CONNECTORS (A5):
P1 – MAIN CONTROL BOARD
J1 – RJ-45 ETHERNET USER CONNECTION
- INDICATOR LIGHTS (A5 LEDs):
D1 – ORANGE – ETHERNET SPEED INDICATION 10/100 MBPS
D2 – YELLOW – ETHERNET ACTIVITY (FLASHING)
D3 – RED – ETHERNET LINK
- TEST POINTS (A5):
TP1 – CLOCK OUT

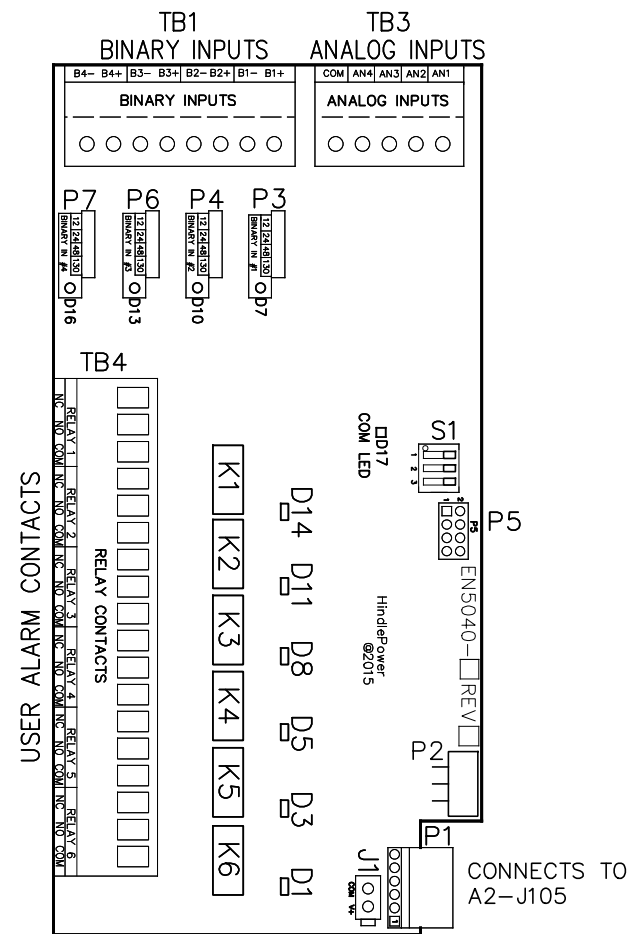
AC METER MODULE PC BOARD (A28)
MOUNTED ON MAIN CONTROL PC BOARD



MAIN CONTROL PC BOARD (A1)			
INDICATOR LIGHTS (LEDs): LED1 – GREEN – AC ON LED2 – RED – HIGH DC VOLTAGE ALARM LED3 – RED – LOW DC VOLTAGE ALARM LED4 – RED – DC OUTPUT FAILURE ALARM LED5 – RED – AC INPUT FAILURE ALARM LED6 – RED – POSITIVE (+) GROUND ALARM LED7 – RED – NEGATIVE (-) GROUND ALARM LED8 – RED – COMMON ALARM LED9 – RED – ACTION REQUIRED ALARM LED10 – GREEN – HEALTHY OPERATION DS1 – RED – HIGH LEVEL SHUTDOWN (HLD) DS2 – RED – ANALOG LOW VOLTAGE ALARM (LLD) DS3 – RED – MEMORY CARD ACTIVITY	JUMPERS: J1 – ANALOG HIGH VOLTAGE SHUTDOWN JUMPER J3 – SD CARD PORT JP4 – RE-FLASH (FIELD PROGRAMMING) JUMPER TERMINAL BLOCKS: TB6 – COMMON ALARM RELAY CONTACTS TEST POINTS: 1.8V – 1.8 VOLTS 3.3V – 3.3 VOLTS 5V – 5.0 VOLTS GND – GROUND AGND – ANALOG GROUND SDA – MAIN BOARD 12C DATA SCL – MAIN BOARD 12C CLOCK	SWITCHES: SW1 – DISPLAY BUTTON SW2 – CHARGE MODE BUTTON SW3 – EQUALIZE METHOD BUTTON SW4 – ESCAPE (ESC) BUTTON SW5 – LEFT ARROW BUTTON SW6 – MENU BUTTON SW7 – UP ARROW BUTTON SW8 – EDIT / ENTER BUTTON SW9 – DOWN ARROW BUTTON SW10 – ALARM BUTTON SW11 – RIGHT ARROW BUTTON SW12 – HINDLE HEALTH (HHS) BUTTON SW13 – SYSTEM RESET BUTTON (BACK OF BOARD)	CONNECTORS: P1 – POWER BOARD RIBBON P2 – 3 PHASE RECTIFIER RIBBON P3 – USB EXPANSION PORT P4 – SPI & I2C EXPANSION PORT #1 P5 – SPI & I2C EXPANSION PORT #2 P6 – DISPLAY SPI PORT P7 – DISPLAY JTAG PORTS P10 – SERIAL INTERFACE PORT #1 P11 – SERIAL INTERFACE PORT #2 P12 – SERIAL INTERFACE PORT #3 P13 – ETHERNET INTERFACE PORT P17 – GENERAL EXPANSION PORT

I/O TERMINAL	DESCRIPTION – TYPE	CONNECTION
(A1) TB6	COMMON ALARM TERMINAL BLOCK (A1) – SOLDERLESS COMP SCREW	#22-14 AWG
(A12) TB1	RS-232 / RS-485 USER CONNECTIONS – SOLDERLESS COMP SCREW	#22-14 AWG
(A13) TB1	FORCED LOAD SHARE SIGNAL – SOLDERLESS COMP SCREW	#22-14 AWG
(A22) J1	SERIAL ETHERNET CONNECTION – RJ45 PLUG	CAT5

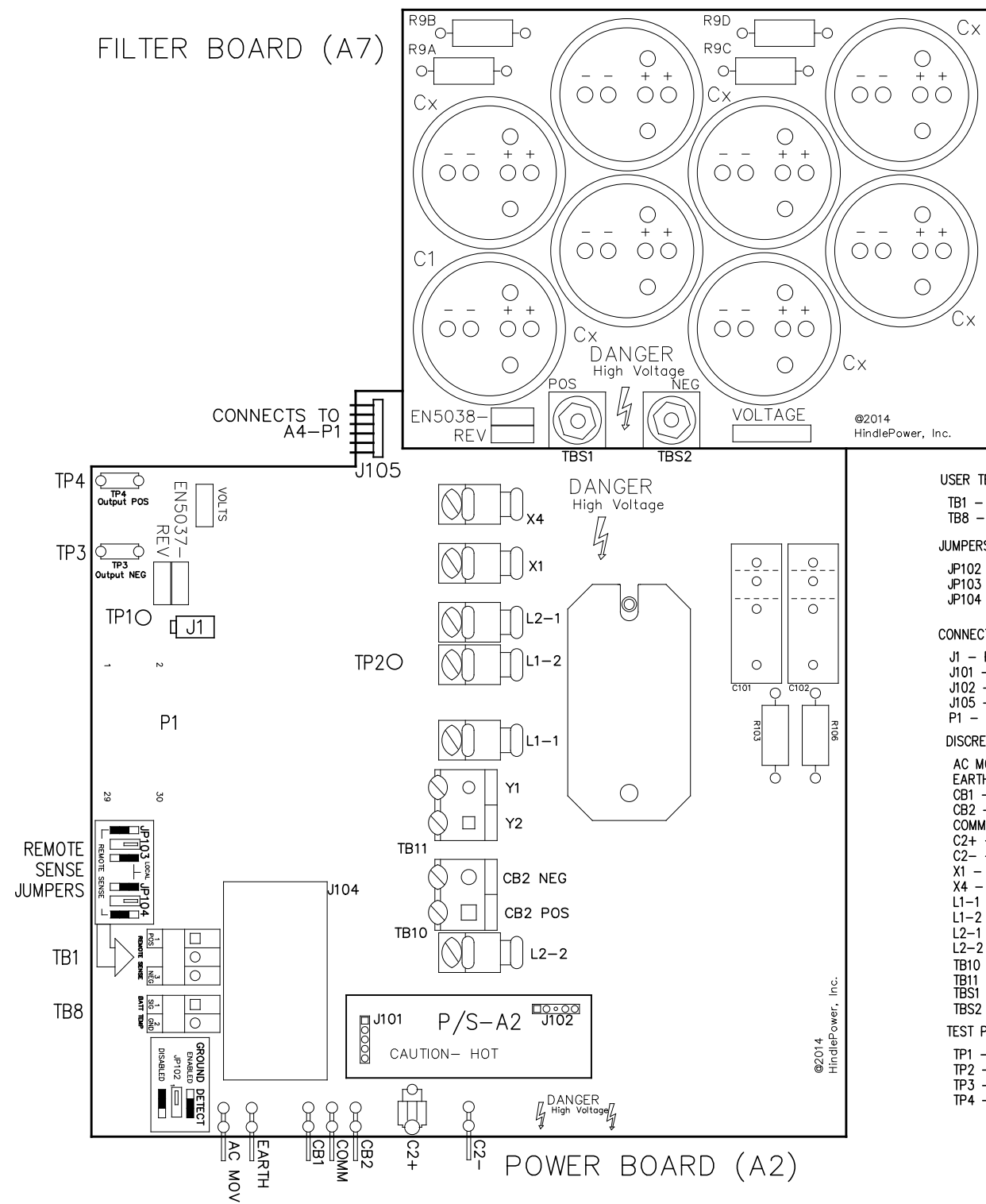
REV 1	DRN BY KMW	CHK BY MCR	APP BY MCR	DATE 02142024	DRN BY KJB	DATE 12/1/2021	<p>TITLE</p> <p>ATEVO BATTERY CHARGER CONTROL PANEL / PC BOARD DETAIL 1 φ W/ COMMON OPTIONS 6-25A</p> <p>NOTICE: UNCONTROLLED DOCUMENT CHANGES / DIGITAL SIGNATURES MAINTAINED BY MANUFACTURER</p>	
DESCRIPTION					CHK BY MCR	DATE 12/1/2021		
Rev. 1 (02/2024)					APP BY MCR	DATE 12/1/2021		
					<p>SCALE DWG No</p> <p>B NTS JE5253-21</p>			
							REV 1	SHEET 1 OF 2



AUXILIARY I/O BOARD (A4)

- JUMPERS & CONFIGURATION SWITCHES FOR AUX I/O BOARD (A4)
- J1 - AUXILIARY POWER INPUT
 - P1 - POWER BOARD (PRIMARY POWER & COMM SOURCE)
 - P5 - PROGRAMMING HEADER
- USER TERMINALS ON RELAY BOARD (A4):
- D1 - RED - RELAY #6 IN ALARM STATE
 - D3 - RED - RELAY #5 IN ALARM STATE
 - D5 - RED - RELAY #4 IN ALARM STATE
 - D7 - YELLOW - BINARY INPUT #1 IS ABOVE THRESHOLD
 - D8 - RED - RELAY #3 IN ALARM STATE
 - D10 - YELLOW - BINARY INPUT #2 IS ABOVE THRESHOLD
 - D11 - RED - RELAY #2 IN ALARM STATE
 - D13 - YELLOW - BINARY INPUT #3 IS ABOVE THRESHOLD
 - D14 - RED - RELAY #1 IN ALARM STATE
 - D16 - YELLOW - BINARY INPUT #4 IS ABOVE THRESHOLD
 - D17 - GREEN - COMMUNICATION TO MAIN BOARD (FLASHING)
- USER TERMINALS ON RELAY BOARD (A4):
- TB1 - BINARY INPUTS
 - TB2 - SERIAL INTERFACE
 - TB3 - ANALOG INPUTS
 - TB4 - AUXILIARY I/O RELAY CONTACTS
- JUMPERS & CONFIGURATION SWITCHES

FILTER BOARD (A7)



POWER BOARD (A2)

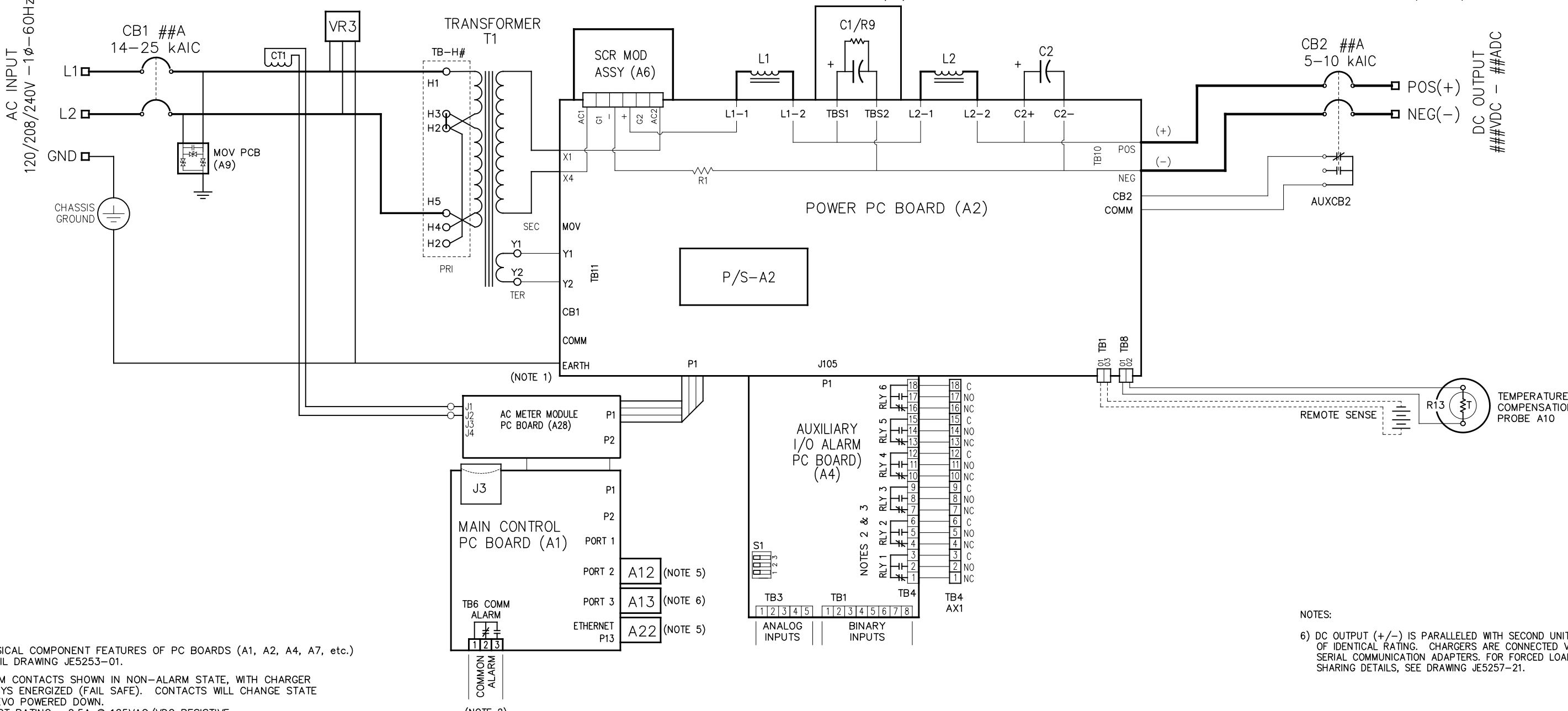
- USER TERMINALS ON POWER BOARD (A2):
- TB1 - REMOTE VOLTAGE SENSE
 - TB8 - BATTERY TEMPERATURE COMPENSATION
- JUMPERS ON POWER BOARD (A2):
- JP102 - GROUND DETECT CIRCUIT ENABLE / DISABLE
 - JP103 - REMOTE OR LOCAL SENSE SELECTOR (+)
 - JP104 - REMOTE OR LOCAL SENSE SELECTOR (-)
- CONNECTORS ON POWER BOARD (A2):
- J1 - POWER OUT
 - J101 - DC POWER SUPPLY
 - J102 - DC POWER SUPPLY
 - J105 - AUXILIARY I/O BOARD
 - P1 - MAIN CONTROL BOARD RIBBON
- DISCRETE TERMINALS:
- AC MOV - CHASSIS EARTH GROUND
 - EARTH - CHASSIS EARTH GROUND (DOOR)
 - CB1 - AC BREAKER AUX SWITCH CONTACT
 - CB2 - DC BREAKER AUX SWITCH CONTACT
 - COMM - BREAKER AUX SWITCH COMMON
 - C2+ - ELIMINATOR FILTER CAPACITOR (+)
 - C2- - ELIMINATOR FILTER CAPACITOR (-)
 - X1 - TRANSFORMER SECONDARY WINDING
 - X4 - TRANSFORMER SECONDARY WINDING
 - L1-1 - FILTER INDUCTOR #1 (TERMINAL #1)
 - L1-2 - FILTER INDUCTOR #1 (TERMINAL #2)
 - L2-1 - FILTER INDUCTOR #2 (TERMINAL #1)
 - L2-2 - FILTER INDUCTOR #2 (TERMINAL #2)
 - TB10 - CB2 DC BREAKER
 - TB11 - 'Y' CONTROL WINDINGS
 - TBS1 - FILTER CAPACITOR BOARD (+)
 - TBS2 - FILTER CAPACITOR BOARD (-)
- TEST POINTS ON POWER BOARD (A2):
- TP1 - PRE-FILTERED DC BUS (-)
 - TP2 - PRE-FILTERED DC BUS (+)
 - TP3 - DC BUS (-)
 - TP4 - DC BUS (+)

I/O TERMINAL	DESCRIPTION - TYPE	CONNECTION
(A2) TB1	POS/NEG REMOTE SENSE TERMS (A2) - SOLDERLESS COMP SCREW	#22-14 AWG
(A2) TB8	TEMPCO PROBE (A10) TERM BLK - SOLDERLESS COMP SCREW	#22-14 AWG
(A4) TB1	AUX I/O BINARY INPUTS (A4) - SOLDERLESS COMP SCREW	#22-14 AWG
(A4) TB2	AUX I/O RELAY CONTACTS (A4) - SOLDERLESS COMP SCREW	#22-14 AWG
(A4) TB3	AUX I/O ANALOG INPUTS (A4) - SOLDERLESS COMP SCREW	#22-14 AWG
(A4) TB4	AUX I/O RELAY CONTACTS (A4) - SOLDERLESS COMP SCREW	#22-14 AWG

TITLE			
ATEVO BATTERY CHARGER CONTROL PANEL / PC BOARD DETAIL 1 φ W/ COMMON OPTIONS 6-25A			
B	SCALE	DWG No	REV
	NTS	JE5253-21	1
			SHEET
			2 OF 2

T1 CONNECTION TABLE	
INPUT	JUMPER
120	H1-H3, H2-H5
208	H4-H2 (2)
240	H3-H2 (2)

(NOTE 4)
AC INPUT
120/208/240V - 1 ϕ -60Hz



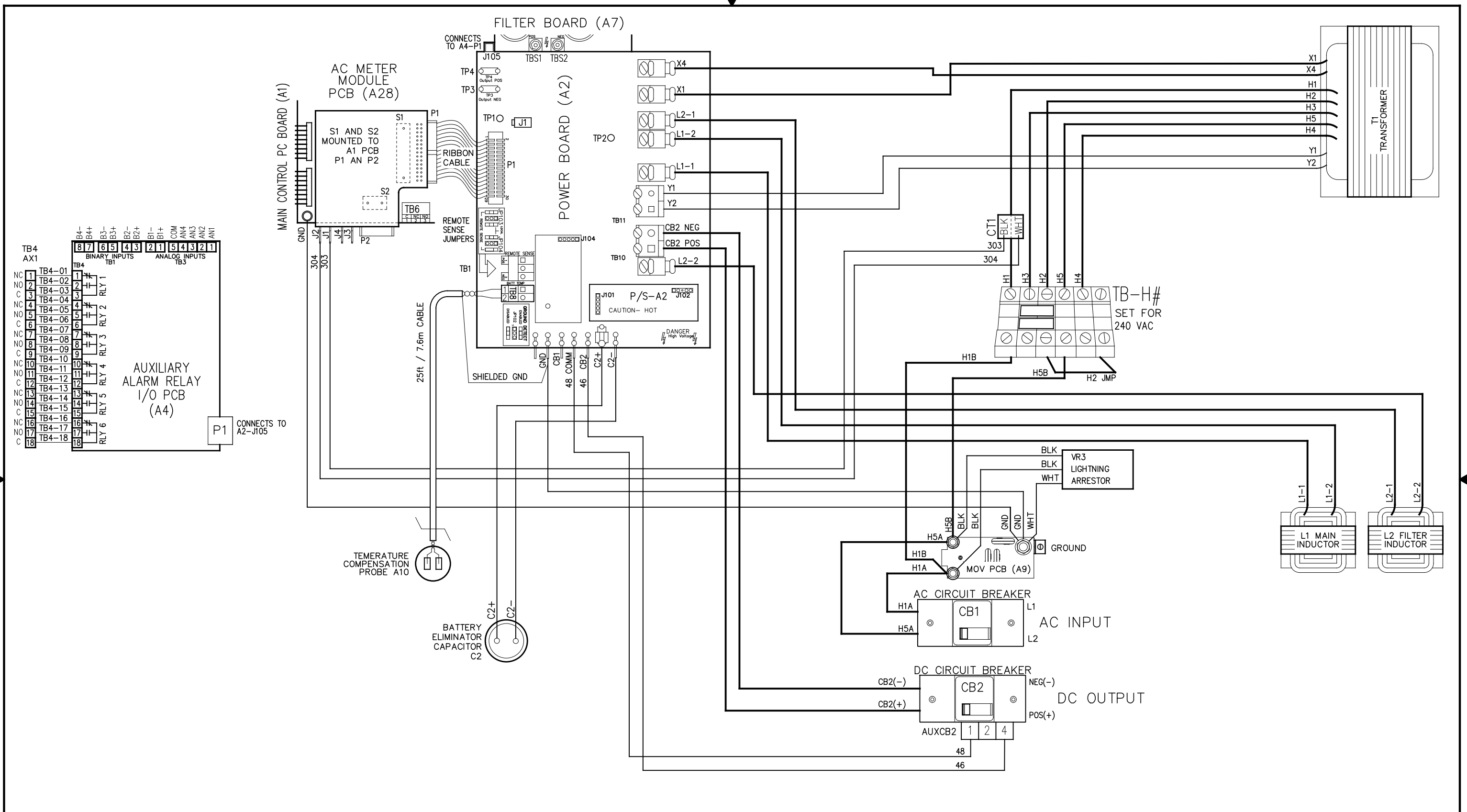
- NOTES:
- FOR PHYSICAL COMPONENT FEATURES OF PC BOARDS (A1, A2, A4, A7, etc.) SEE DETAIL DRAWING JE5253-01.
 - ALL ALARM CONTACTS SHOWN IN NON-ALARM STATE, WITH CHARGER AND RELAYS ENERGIZED (FAIL SAFE). CONTACTS WILL CHANGE STATE WHEN ATEVO POWERED DOWN.
CONTACT RATING: 0.5A @ 125VAC/VDC RESISTIVE
 - AUX I/O ALARM RELAYS CONFIGURABLE BY USER. SEE O&SI MANUAL SECTION 12.4. FACTORY-DEFAULTS LISTED IN TABLE BELOW.

A4	DESCRIPTION	LATCHING	DELAY
RELAY #1	HIGH VOLTAGE DC	DISABLED	30 SECONDS
RELAY #2	LOW VOLTAGE DC	DISABLED	30 SECONDS
RELAY #3	DC OUTPUT FAILURE	DISABLED	30 SECONDS
RELAY #4	LOW AC SUPPLY	DISABLED	30 SECONDS
RELAY #5	POSITIVE GROUND FAULT	DISABLED	30 SECONDS
RELAY #6	NEGATIVE GROUND FAULT	DISABLED	30 SECONDS

- INPUT POWER ISOLATION TRANSFORMER (T1) IS FIELD RE-TAPPABLE FOR 120, 208, OR 240 VAC. SEE TABLE ABOVE.
- SEE ATEVO COMMUNICATIONS MANUAL (JA0102-54).

- NOTES:
- DC OUTPUT (+/-) IS PARALLELED WITH SECOND UNIT OF IDENTICAL RATING. CHARGERS ARE CONNECTED VIA SERIAL COMMUNICATION ADAPTERS. FOR FORCED LOAD SHARING DETAILS, SEE DRAWING JE5257-21.

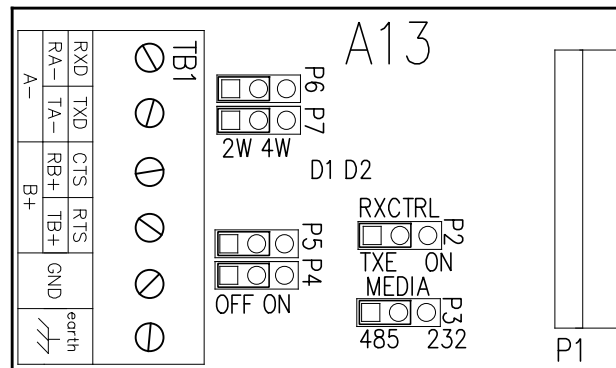
REV	DRN BY	CHK BY	APP BY	DATE	DRN BY	DATE	TITLE ATEVO BATTERY CHARGER SCHEMATIC: STYLE-5054 1 ϕ W/ COMMON OPTIONS 6-25A
1	KMW	MCR	MCR	02142024	KJB	12/1/2021	
DESCRIPTION Rev. 1 (02/2024)				CHK BY	DATE		
				MCR	12/1/2021		
				APP BY	DATE		
				MCR	12/1/2021		
				NOTICE: UNCONTROLLED DOCUMENT CHANGES / DIGITAL SIGNATURES MAINTAINED BY MANUFACTURER			
				SCALE		DWG No	REV
				B		JE5254-21	1A
				NTS			SHEET
							1 OF 1



NOTES:

1. WHEN NATURAL LEADS OF MAGNETICS ARE NOT USED, CHARGER COMPONENTS ARE CONNECTED WITH BLACK FLAME-RETARDANT SWITCHBOARD INSULATION SYSTEM (SIS) TYPE WIRING, IDENTIFIED ON EACH END WITH NUMBER-CODED MARKERS. GROUND WIRES ARE GREEN WITH YELLOW STRIPE.
2. TB4-AUX ALARM TERMINAL BLOCK, BARRIER TYPE WITH 6-32 BINDER HEAD SCREWS, WILL ACCEPT LUGS FOR #16-14 AWG WIRE (RATED 0.5A @ 125VAC/VDC).

REV	DRN BY	CHK BY	APP BY	DATE	DRN BY	DATE	TITLE ATEVO BATTERY CHARGER CONNECTION DIAGRAM: STYLE-5054 1 φ W/ COMMON OPTIONS 6-25A
1	KMW	MCR	MCR	02142024	KJB	12/1/2021	
DESCRIPTION Rev. 1 (02/2024)					CHK BY MCR	DATE 12/1/2021	
					APP BY MCR	DATE 12/1/2021	
NOTICE: UNCONTROLLED DOCUMENT CHANGES / DIGITAL SIGNATURES MAINTAINED BY MANUFACTURER							
		B	SCALE NTS	DWG No JE5255-21	REV 1	SHEET 1 OF 1	



THE JUMPERS ON THE SERIAL COMMUNICATIONS ADAPTER (A13) MUST BE CONFIGURED TO OPERATE IN 2-WIRE RS-485 MODE.

JUMPER P2 (RXCNTRL) MUST BE SET TO TXE – LEFT TWO PINS

JUMPER P3 (MEDIA) MUST BE SET TO 485 – LEFT TWO PINS

JUMPERS P4 & P5 (485-TERM) MUST BE SET TO OFF – LEFT TWO PINS

JUMPERS P6 & P7 (# WIRES) MUST BE SET TO 2W – LEFT TWO PINS

INTRODUCTION

Multiple battery chargers are sometimes employed in dc power systems to provide redundancy. Two (2) or more chargers of the same voltage rating can be connected in parallel, each of them capable of powering the connected dc load and charging the battery. When two (2) or more chargers operate in parallel, they normally will not share the load current equally. Since any two (2) chargers will usually have slightly different connection paths, one of the chargers in a system will typically have a slightly higher dc output voltage, and will therefore assume more of the burden of providing the necessary load current.

The ATevo forced load sharing feature supports a single "Primary" charger, and a "Secondary" charger. The Primary charger communicates with the Secondary charger over a serial connection. Each charger requires a Serial Communications Adapter (A13) set for RS-485, wired to the other charger to create the forced load sharing communication network.

SYSTEM REQUIREMENTS

Both battery chargers must be ATevo Series. The ATevo forced load sharing feature will not operate with older style AT10.1 and AT30 Series battery chargers. Both connected chargers must have the same voltage settings, have the same output current rating, and have the same version of ATevo Main Control PC Board (A1) firmware.

Each ATevo requires a Serial Communications Adapter (A13) to be installed in either Port 2 or Port 3 of the Main Control PC Board (A1).

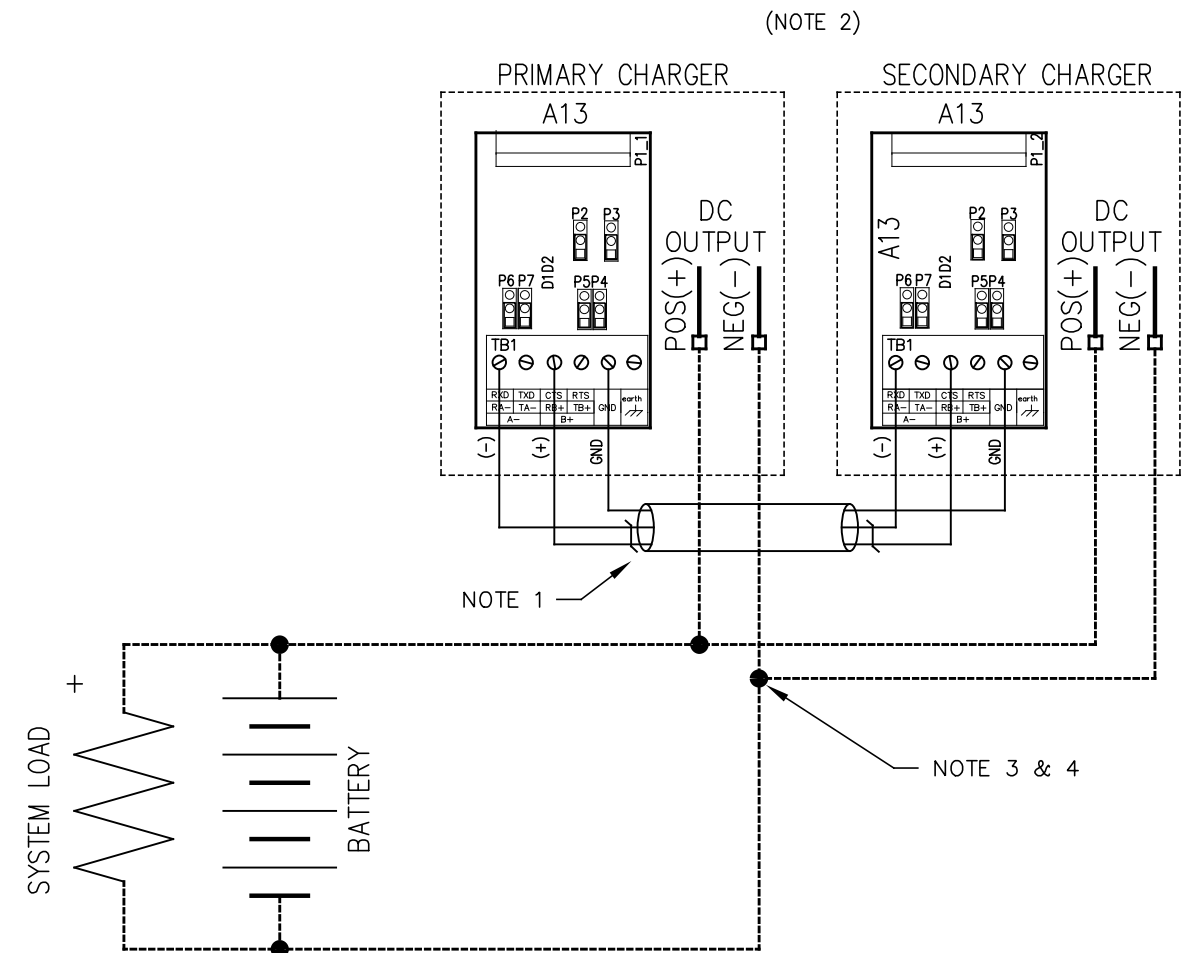
ATEVO CHARGER LOAD SHARING CONFIGURATION

If the ATevo is ordered with the forced load sharing feature, the hardware and software configuration will be completed at the factory. The forced load sharing Serial Communications Adapters (A13) and software will be verified during the charger production test. The signal interconnection cable will be supplied in a bagged kit, to be connected to the chargers in the field after installation.

If forced load sharing is added to the ATevo in the field, the following hardware and software configuration will be required.

INSTALLING THE SERIAL COMMUNICATIONS ADAPTER (A13)

Refer to the Serial Communication Adapter section of the ATevo Communications Manual for instructions on how to install the Serial Communications Adapter. Refer to JA5054-50 or the Forced Load Share section of the ATevo Operating and Service Instructions for instructions on how to configure the chargers to operate in load share.



NOTES:

1. FOR TWO (2) UNITS TO LOAD SHARE, CONNECT A13-TB1 OF "PRIMARY" CHARGER TO A13-TB1 OF "SECONDARY" CHARGER USING SUPPLIED 25ft / 7.62m INTERCONNECTION CABLE (EH5052-02).
2. ATevo SERIES FORCED LOAD SHARING FEATURE FUNCTIONAL ONLY WITH BATTERY CHARGERS OF IDENTICAL RATING.
3. ATevo BATTERY CHARGERS OPERATING IN FORCED LOAD SHARING MODE MUST BE CONNECTED TO COMMON DC BUS.
4. CHARGER/BATTERY/LOAD INTER-CONNECTION DC CABLING NOT SUPPLIED WITH CHARGER OR LOAD SHARING ACCESSORY. DC CABLING MAY BE SUPPLIED BY BATTERY MANUFACTURER OR INTEGRATOR. SEE BATTERY/SYSTEM DRAWINGS FOR SPECS.
5. FOR DETAILED INSTALLATION, OPERATING AND TROUBLE-SHOOTING PROCEDURES, SEE USER INSTRUCTION (JA5054-50).

REV 0	DRN BY KMW	CHK BY MCR	APP BY MCR	DATE 02142024	DRN BY KMW	DATE 02142024	TITLE ATEVO BATTERY CHARGER FORCED LOAD SHARING / PCB DETAIL 1 φ W/ COMMON OPTIONS 6-25A
DESCRIPTION STANDARD DRAWINGS.				CHK BY MCR	DATE 02142024	NOTICE: UNCONTROLLED DOCUMENT CHANGES / DIGITAL SIGNATURES MAINTAINED BY MANUFACTURER	
				APP BY MCR	DATE 02142024		
		B	SCALE NTS	DWG No JE5257-21	REV 0	SHEET 1 OF 1	