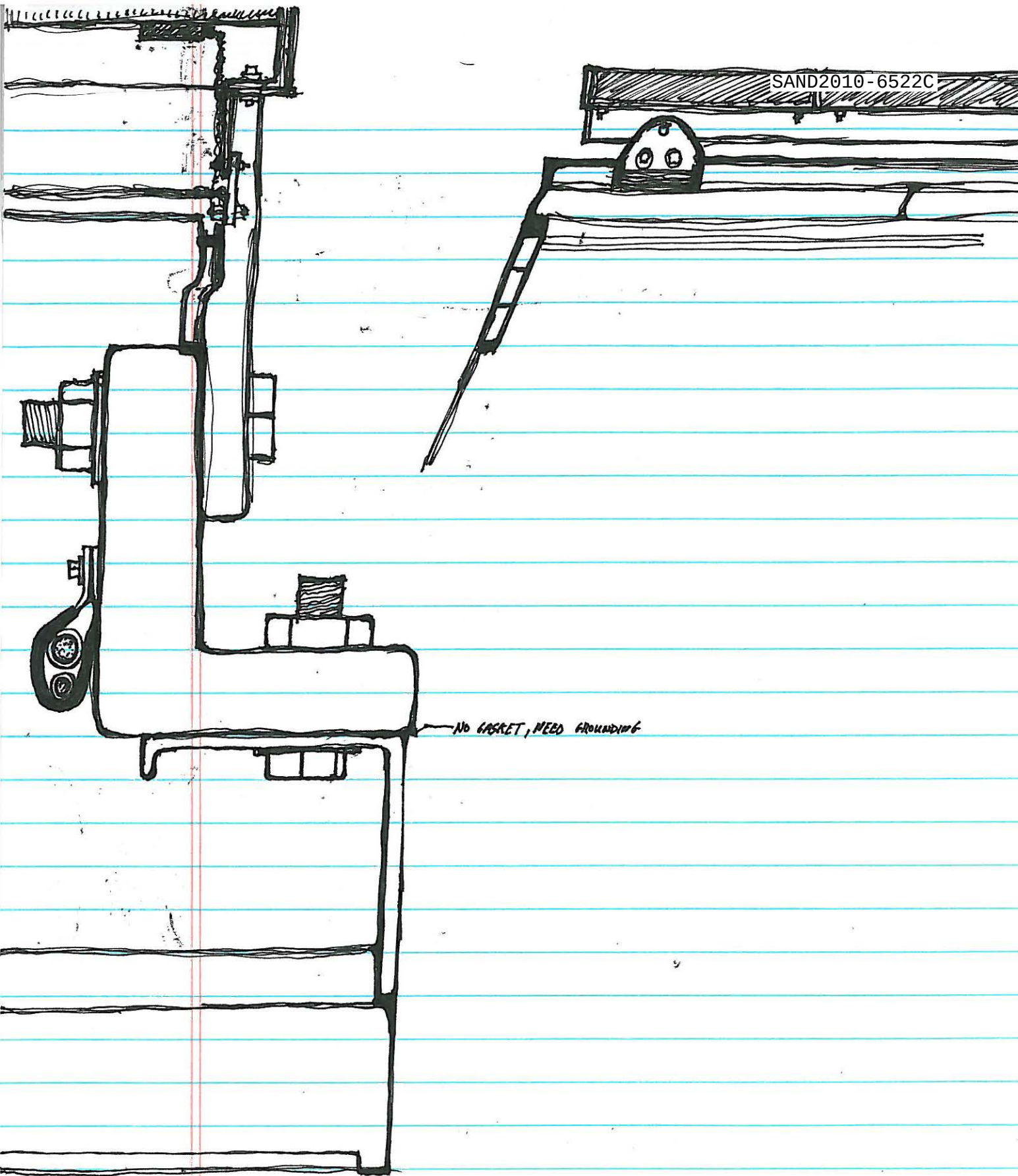
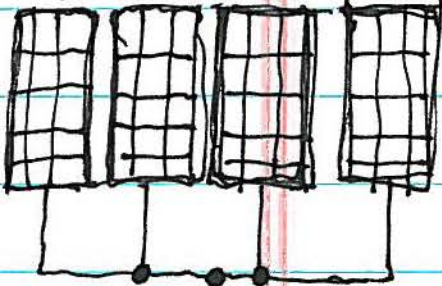


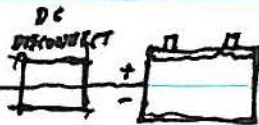
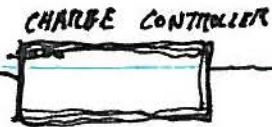
SAND2010-6522C



- 20V MINIMUM EACH



DC DISCONNECT



DIGITAL CHARGING
READ OUT (LED)
- DATA LOGGER

- 22V PANELS EACH WILL
88V OF POWER.

- NEED TO KNOW WHAT PLANT POWER'S CHARGE RATE IS? TRY TO MATCH WITH PV PANELS.

- CHARGE CONTROLLER TO BE SIZED FOR 100% MAX RATE.

- USB DATA LOGGER FOR INFORMATION DOWNLOAD.

- PV POWER TO BYPASS CART CHARGE CONTROLLER.

- MAY NOT NEED DC DISCONNECT ON PV SIDE. TO WORK ON CHARGE CONTROLLER, COVER PANEL, METER + ABOVE W/ SIDE.

- SANYO OFFERS FROM 180-200W PANELS, APPROX COST \$1000.00.

- NEED TO FIND OUT MAX LOAD OF BATTERIES, THAT WILL DETERMINE PANEL SIZE + QUANTITY.

- NEED TO CALCULATE CONDUCTOR SIZES?

- WILL NEED GROMMET WHERE POWER GOES INTO CANOPY

- WILL NEED EABLE TIE-DOWNS.

- DOES THE SYSTEM NEED TO BE GROUNDED? CHASSIS GROUNDED?

- NEED TO SIZE PV ALSO BY AMPERAGE FOR SYSTEM.

- IF CONNECTED TO A SINGLE BATTERY + THEM ARE IN SERIES, IS

THERE A CONCERN WITH OVERLOAD OR HEATING?

- 6 BATTERY SYSTEM (TYPICAL) HAS A VOLTAGE 72V. THE CARTS MUST
HAVE A LARGER LOAD.

- NEED TO SHIELD CONDUCTORS TO THE BATTERY BOX AREA.

- NEED TO DIAGRAM PHYSICAL LOCATION OF EQUIPMENT ON CART.

- 3D MODEL THE CART + SYSTEM.

- NEED A REVIEW OF DESIGN FROM PV DEPARTMENT.

- ADVERTISING? PERHAPS A CAR WRAP + STICKERS + LED READ OUT
TO SHOW PEOPLE POWER GENERATION. REAR MOUNT READ OUT.





SANDIA
PV CART
EXPERIMENTAL VEHICLE

GMO35

US GOVERNMENT
S866754
PROPERTY #
FOR OFFICIAL USE ONLY

GEM

SANDIA

GEM





SOLAR CONVERTERS, INC.
Model: CV 24172.3XV2& A7A.5
Red = Input + Black = Input -
White = Output + Blue = Output -

CAUTION
DO NOT TOUCH
INTERNAL COMPONENTS
OR WIRING
1 POLE UNIT
120V AC

CAUTION
DO NOT TOUCH
INTERNAL COMPONENTS
OR WIRING
1 POLE UNIT
120V AC

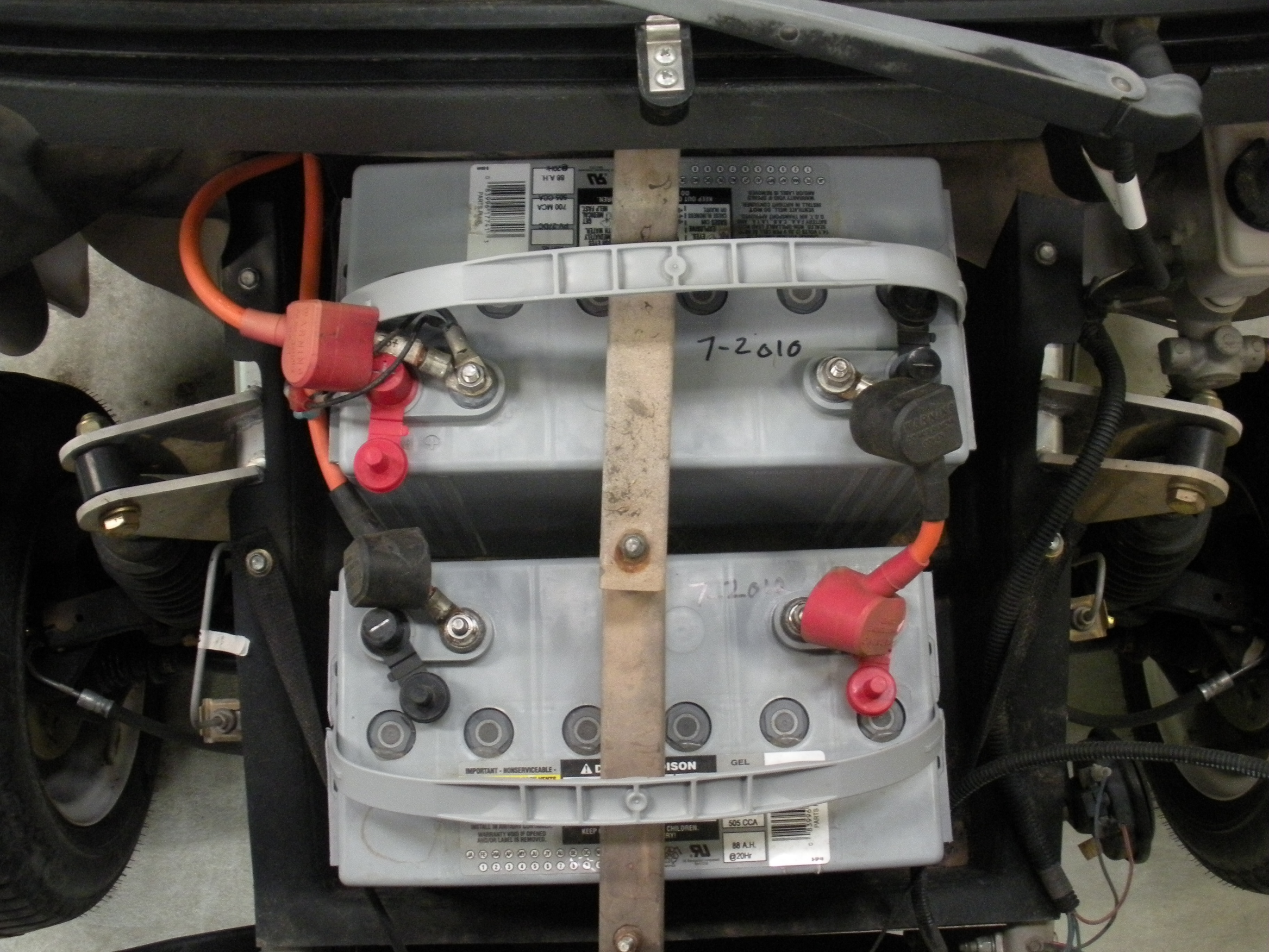
EXPLOSIVE
BASES CAN
CAUSE BLINDNESS
OR BURNING
NO
SPARKS
OR FLAMES
OR BACKFIRE
CAUSE
BLINDNESS OR
BURNING
DO NOT
REACH OF CHILDREN
PV-7ZDC
700 MCA
505 CCA
T-2010

KEEP OUT OF THE REACH OF CHILDREN
DO NOT OPEN
DANGER/POISON
VENTILATE WELL DO NOT
INSTALL IN ANYTIGHT CONTAINER.
REPAIR LABEL IS REMOVED
AIR TRANSFORMER
1 POLE UNIT
120V AC

2 PEOPLE
MAXIMUM



ANDIA
PVCART
EXPERIMENTAL VEHICLE

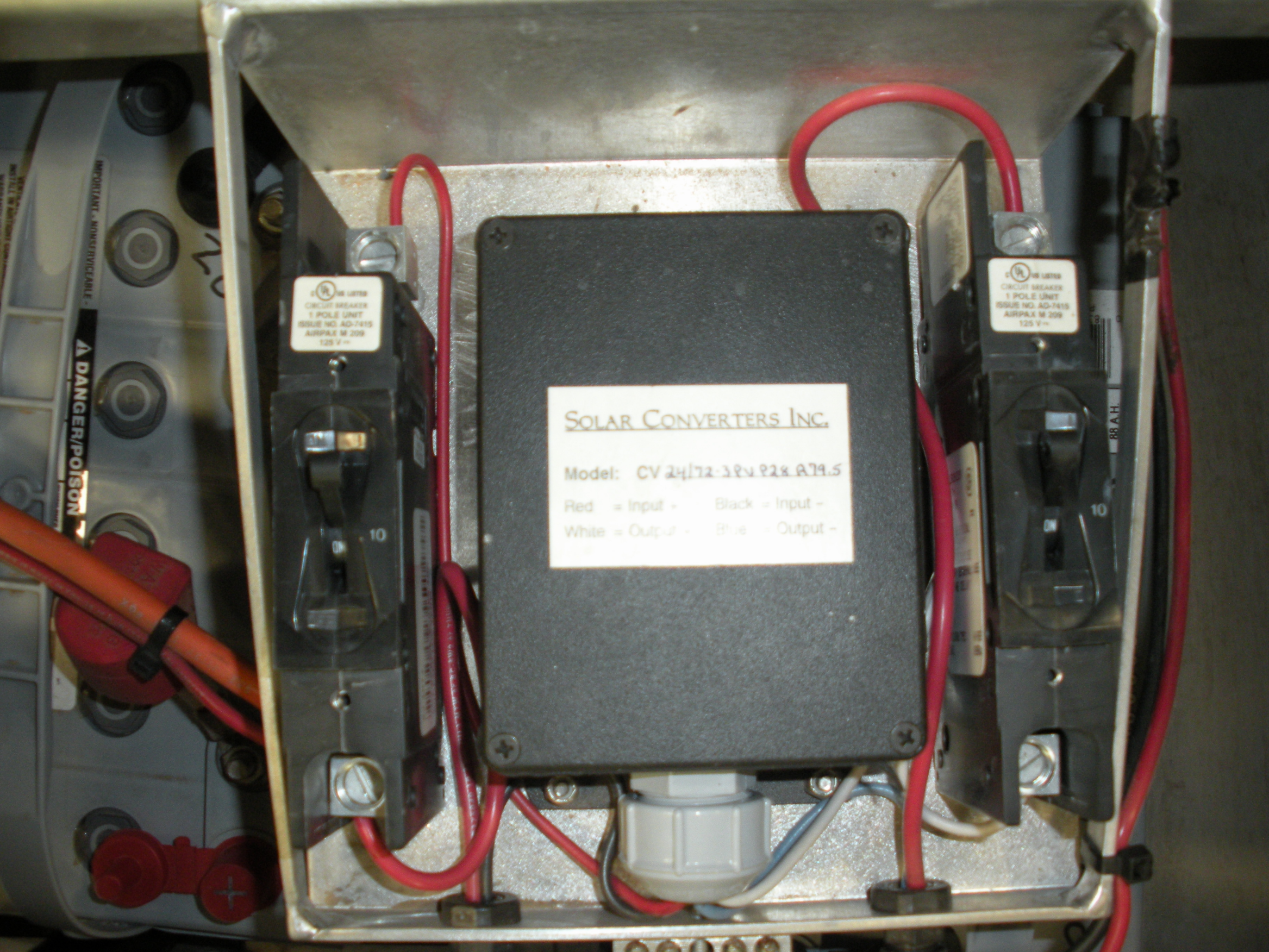


7-2010

7-2010

88 A.H.
700 MCA
505 CCA
505 CCA
88 A.H.
@20hr

IMPORTANT - NONSERVICEABLE -
INTERSTATE BATTERIES
GEL
505 CCA
88 A.H.
@20hr



SOLAR CONVERTERS INC.

Model: CV 24/72-39V 928 A79.5

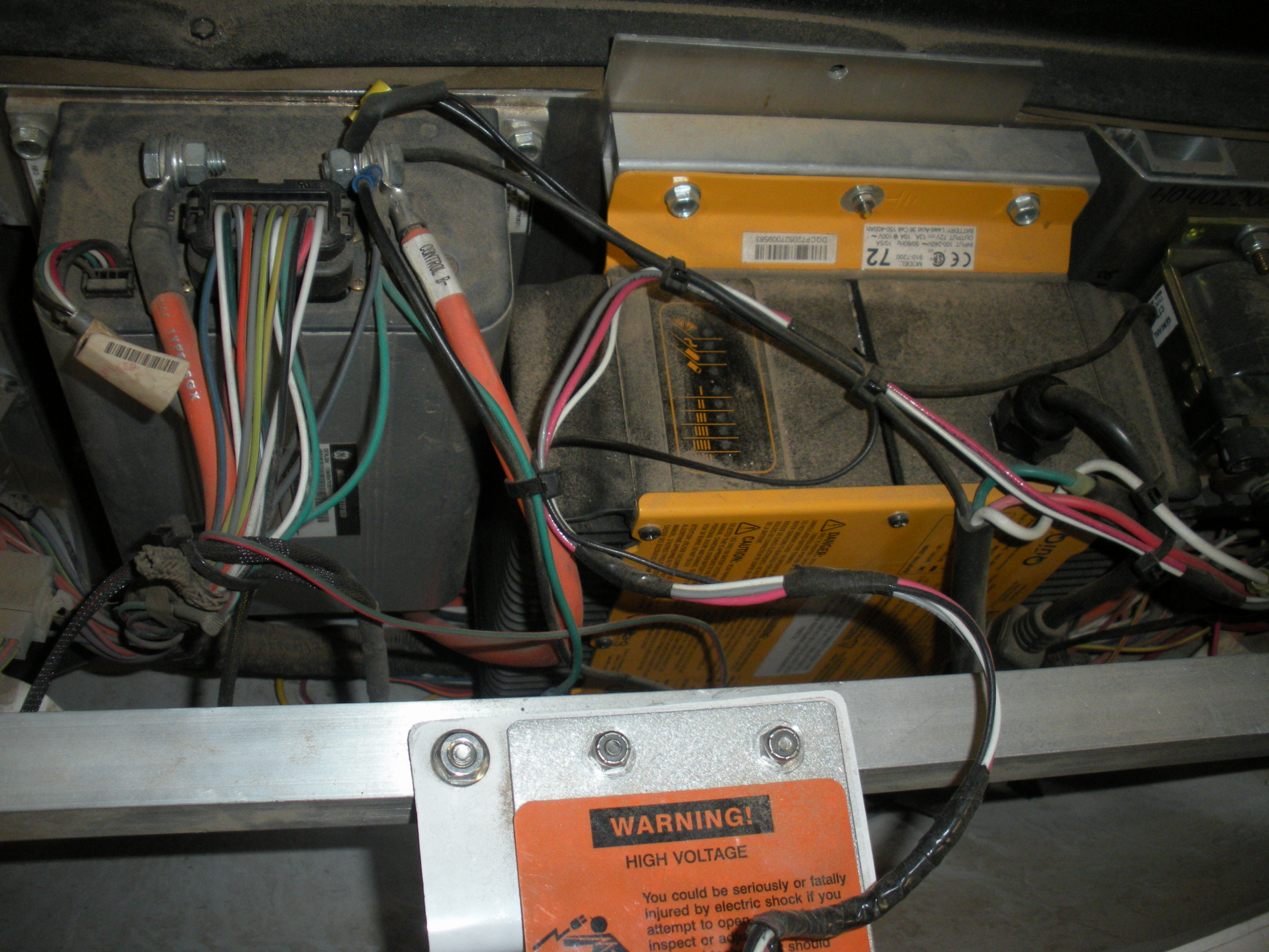
Red = Input - Black = Input -
White = Output - Blue = Output -

UL LISTED
CIRCUIT BREAKER
1 POLE UNIT
ISSUE NO. AD-7415
AIRPAK M 209
125 V_{AC}

UL LISTED
CIRCUIT BREAKER
1 POLE UNIT
ISSUE NO. AD-7415
AIRPAK M 209
125 V_{AC}

IMPORTANT - NON-RECHARGEABLE -
DANGER/POISON





DIGIPART 200527009583

MODEL 72
910-7200
INPUT 100-240V ~ 50/60Hz 10A
OUTPUT 220V ~ 12A 10A @ 100V ~
BATTERY Lead-Acid 36 Cell 150-400Ah

WARNING!

HIGH VOLTAGE

You could be seriously or fatally injured by electric shock if you attempt to open, inspect or adjust. Only qualified personnel should









GMO35

US GOVERNMENT
S866754
PROPERTY #
FOR OFFICIAL USE ONLY













802

1

GEM

E825





802

STOP

SANDIA

GMV21

GM27

US GOVERNMENT
S866746
PROPERTY #













800

GMO35

SANDIA
PARK



800

GMO35

SANDIA
SAVE-A-RIDE



















SANDIA
PERSONAL VEHICLE

SANDIA
PERSONAL VEHICLE

GMO335

US EMISSION
S866754
PERSONAL VEHICLE
JAN 2010 EXPIRATION DATE









**Zero
Emission
Vehicle**

SPEED
ICLE

**Zero
Emission
Vehicle**







