

MITSUBISHI 9900C 1050kVA UPS DIRECT CABLE CONFIGURATION

CUSTOMER -
PROJECT NUMBER -
PROJECT LOCATION -

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REVISIONS
 4. DELETED BUSS DETAILS ADDED REFERENCE FOR SHIPPING SPLIT ASSEMBLY DETAILS P. GUERRIERI 10/6/2016
 5. ADDED CENTER OF MASS DIMENSIONS TO SHEET 1 AND COVER SHEET Z.ZAJAC 11/21/17

| FABRICATION TOLERANCE | |
|-----------------------------------|-----------|
| NOMINAL SIZE | TOLERANCE |
| ANGLES | ±0.01° |
| HOLE TO MATERIAL EDGE | ±0.01 |
| HOLE TO FORMED EDGE | ±0.01 |
| HOLE TO HOLE | ±0.005 |
| FORMED EDGE TO FORMED EDGE | ±0.01 |
| FORMED EDGE TO WELDED EDGE < 48.0 | ±0.03 |
| FORMED EDGE TO WELDED EDGE > 48.0 | ±0.06 |
| PANEL DISTORTION OVER 48.0in | 0.03 MAX |

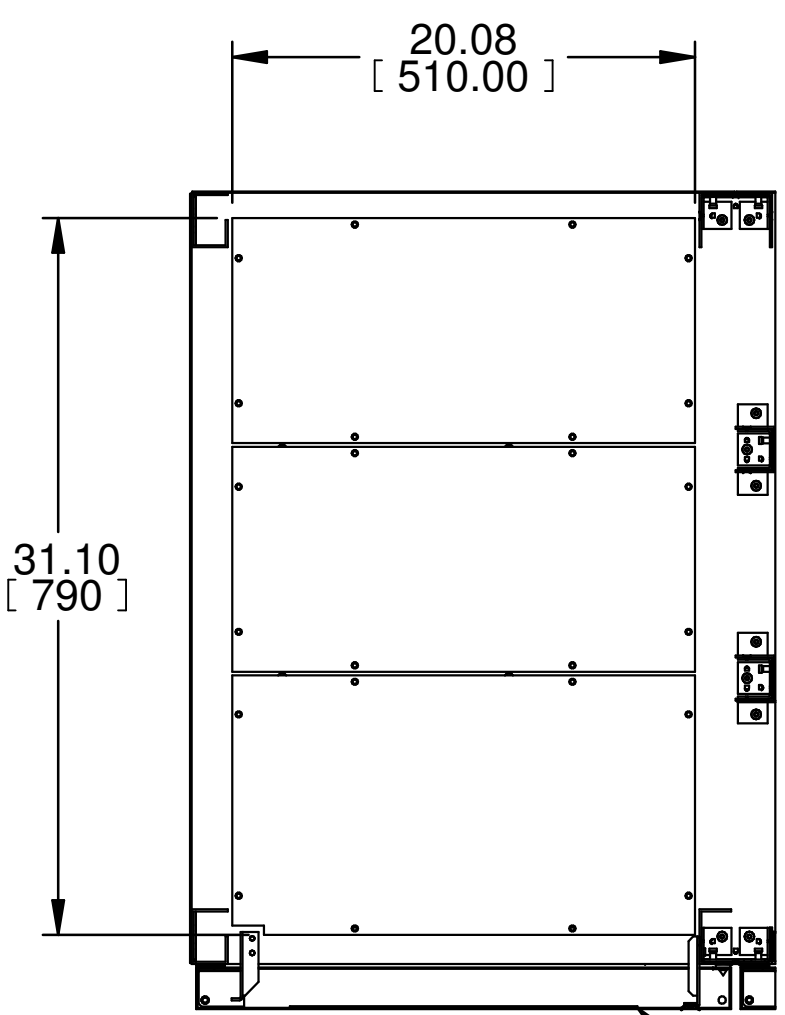
DIMENSIONS IN:
 IN [MM] (REP)
 SCALE
 - NTS -
 PROPRIETARY
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DRAFTER
 P. GUERRIERI
 DATE
 10/6/16
 APPROVED
 N. RIEMER
 DATE
 10/10/16
 CORE (REFERENCE) DRAWING

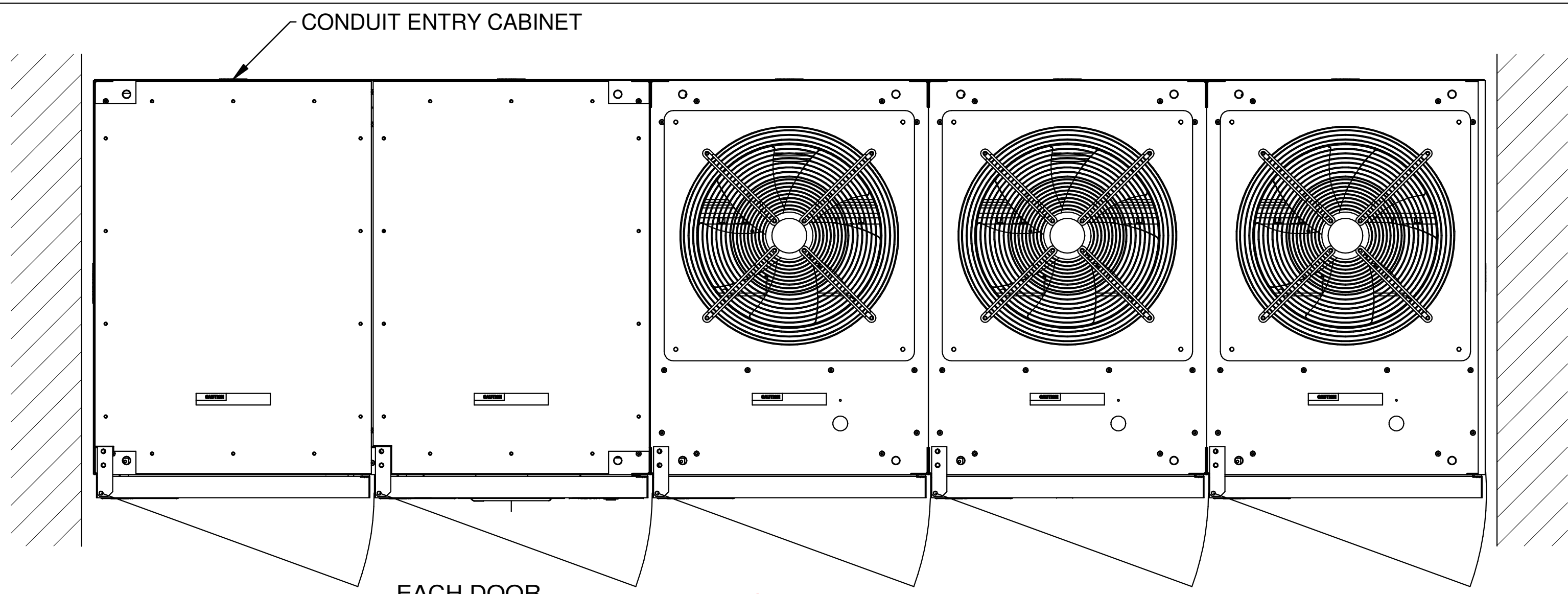
MITSUBISHI ELECTRIC

TITLE
9900C UPS MODULE

DWG. NO. **UD-100354** SHEET 1 OF 6 REV. **5**



SECTION A-A
BOTTOM CONDUIT ENTRY

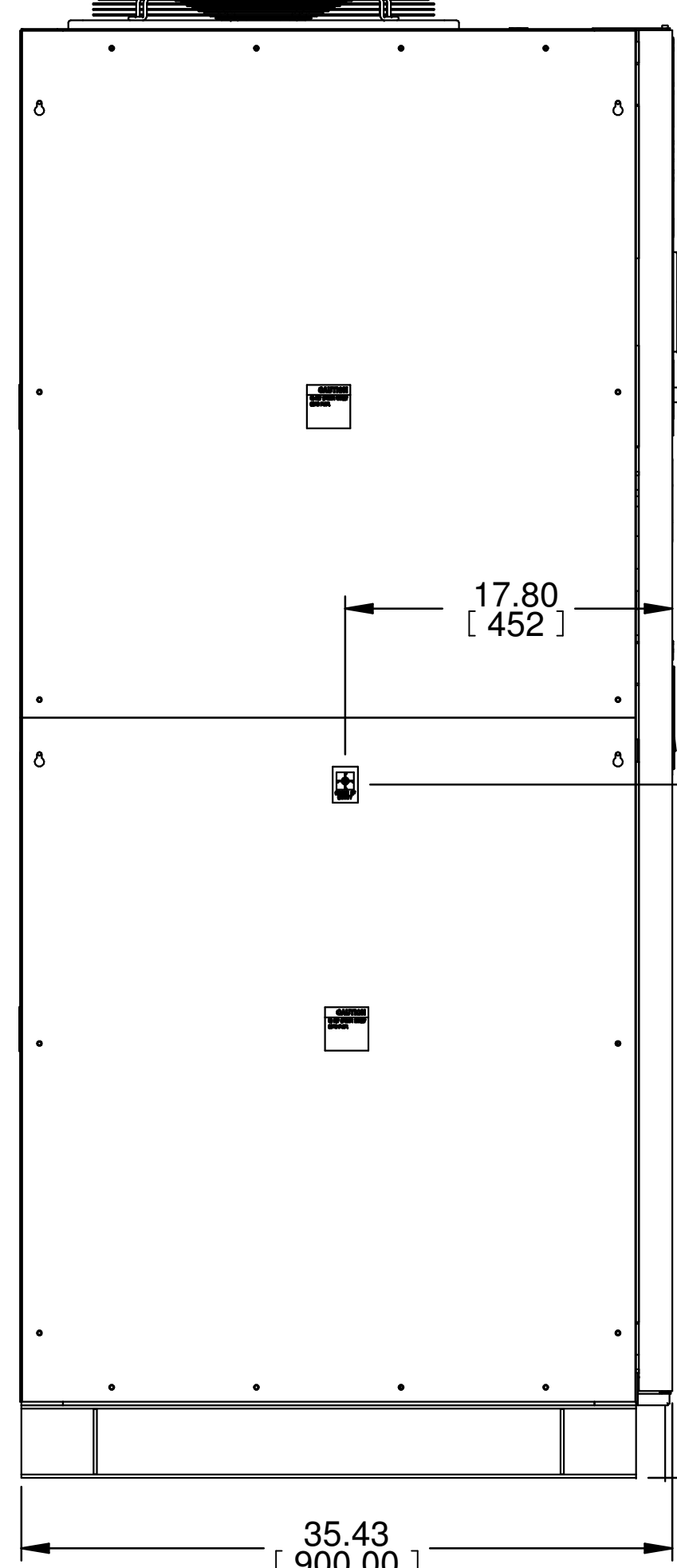


TOP VIEW

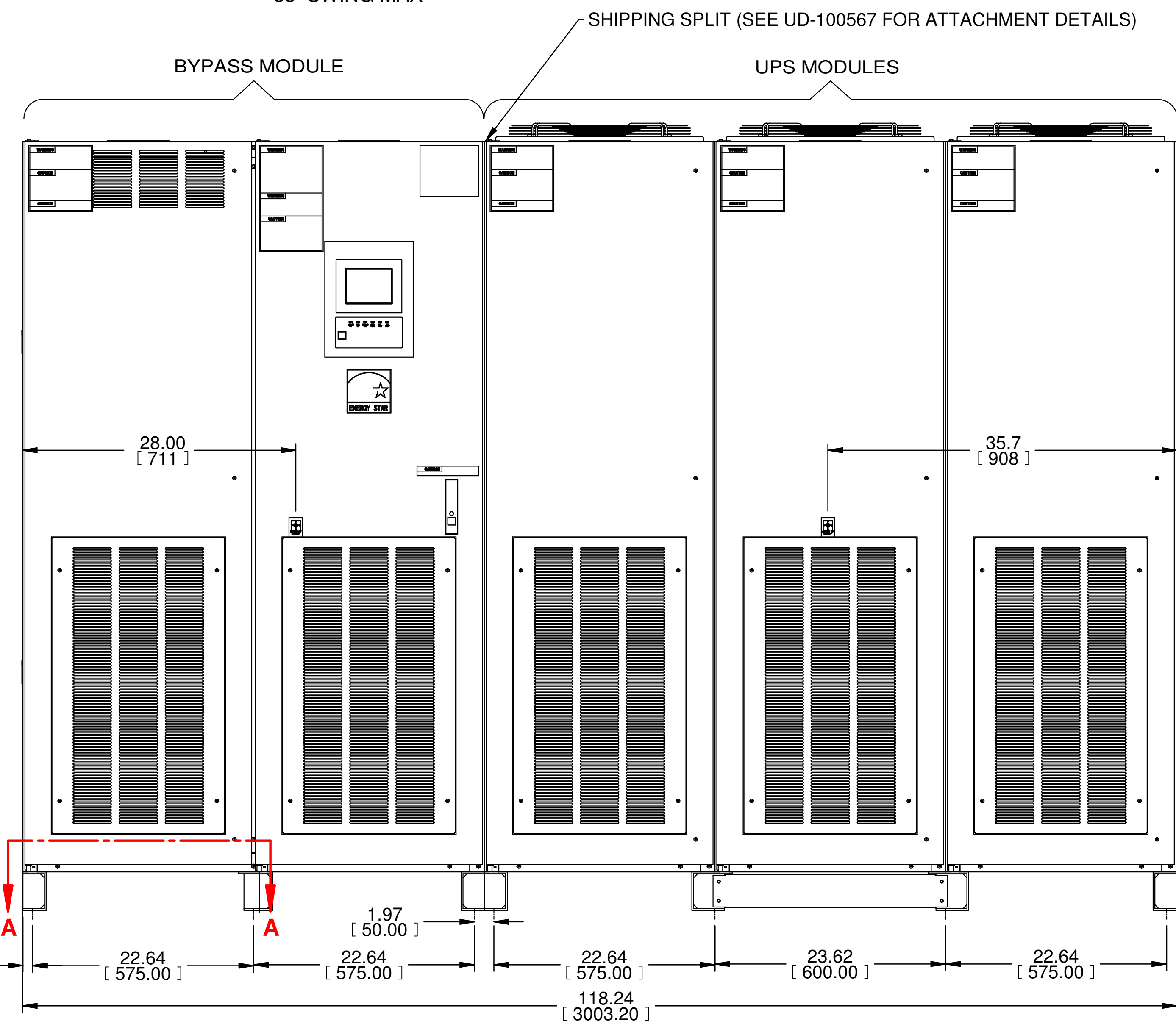
NOTES:

1. DIMENSIONS ARE SHOWN IN INCHES [MILLIMETERS]
2. SIDE SPACE 1.00 [25] IS NOT REQUIRED WHEN SIDECARS ARE USED.
3. CABINET SHOULD BE MAINTAINED UPRIGHT WITHIN +/-15 DEGREES DURING HANDLING.
4. EACH BASE HAS 2 OR 4 0.8 INCH [20] DIAMETER HOLES TO FIX UPS ON THE GROUND.
5. APPROXIMATE WEIGHT:

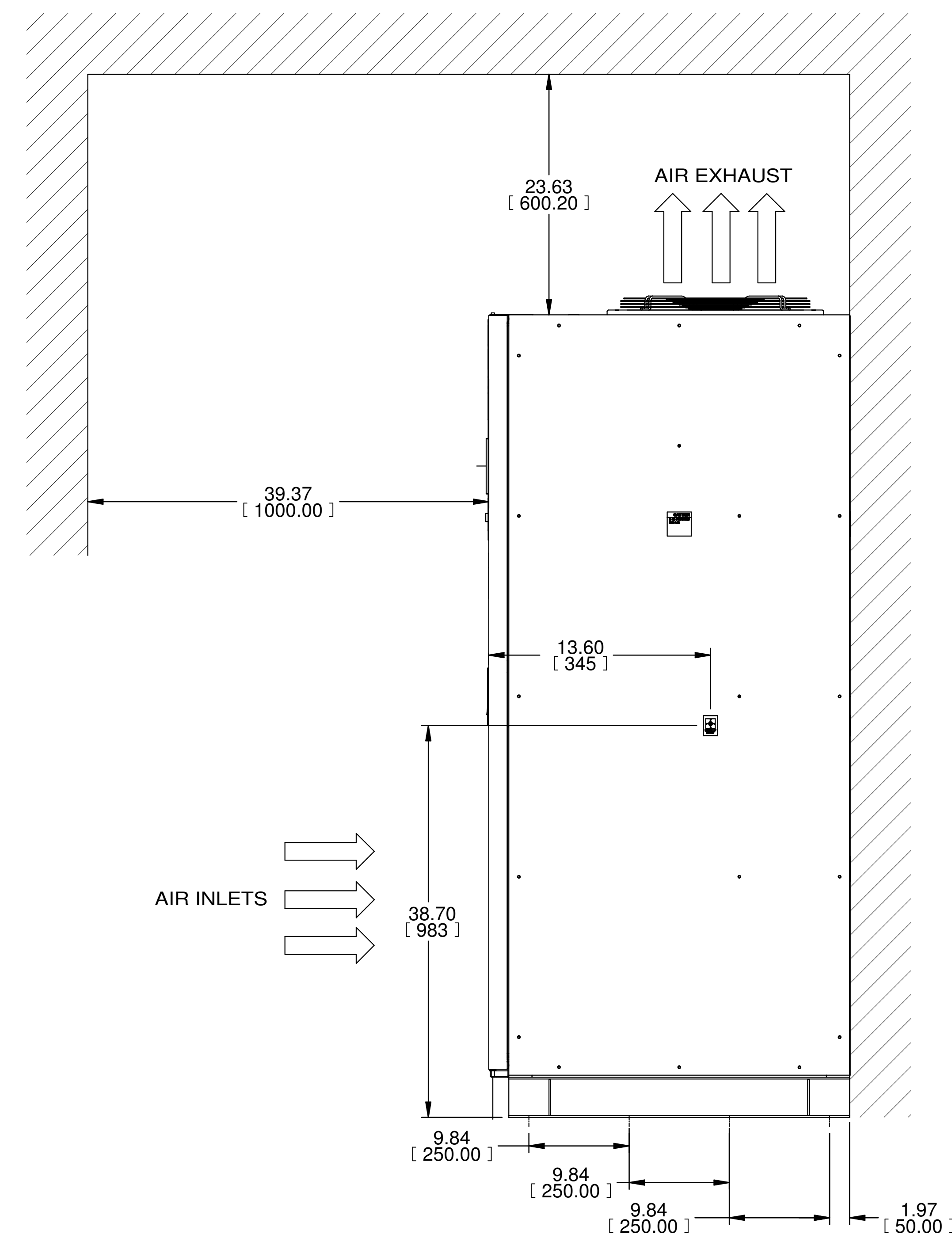
| | |
|---------------|----------------------------|
| UPS MODULES | 4960 LBS. (2250 kg) |
| BYPASS MODULE | 1653 LBS. (750 kg) |
| TOTAL | 6613 LBS. (3000 kg) |
6. EXTERNAL WIRES OR CABLES SHALL BE PROVIDED BY CUSTOMERS FOR AC-INPUT, DC-INPUT, BYPASS-INPUT, AND AC-OUTPUT. (OUT OF MITSUBISHI PROVISION)
7. ROTATION OF A, B, AND C PHASE IS CLOCKWISE.
8. DC BUSS HAS PROVISIONS FOR EIGHT (8) NEMA 2 HOLE LUGS
9. AC BUSS HAS PROVISIONS FOR SIX (6) NEMA 2 HOLE LUGS



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

| REVISIONS | DESCRIPTION | DATE |
|-----------|--|------|
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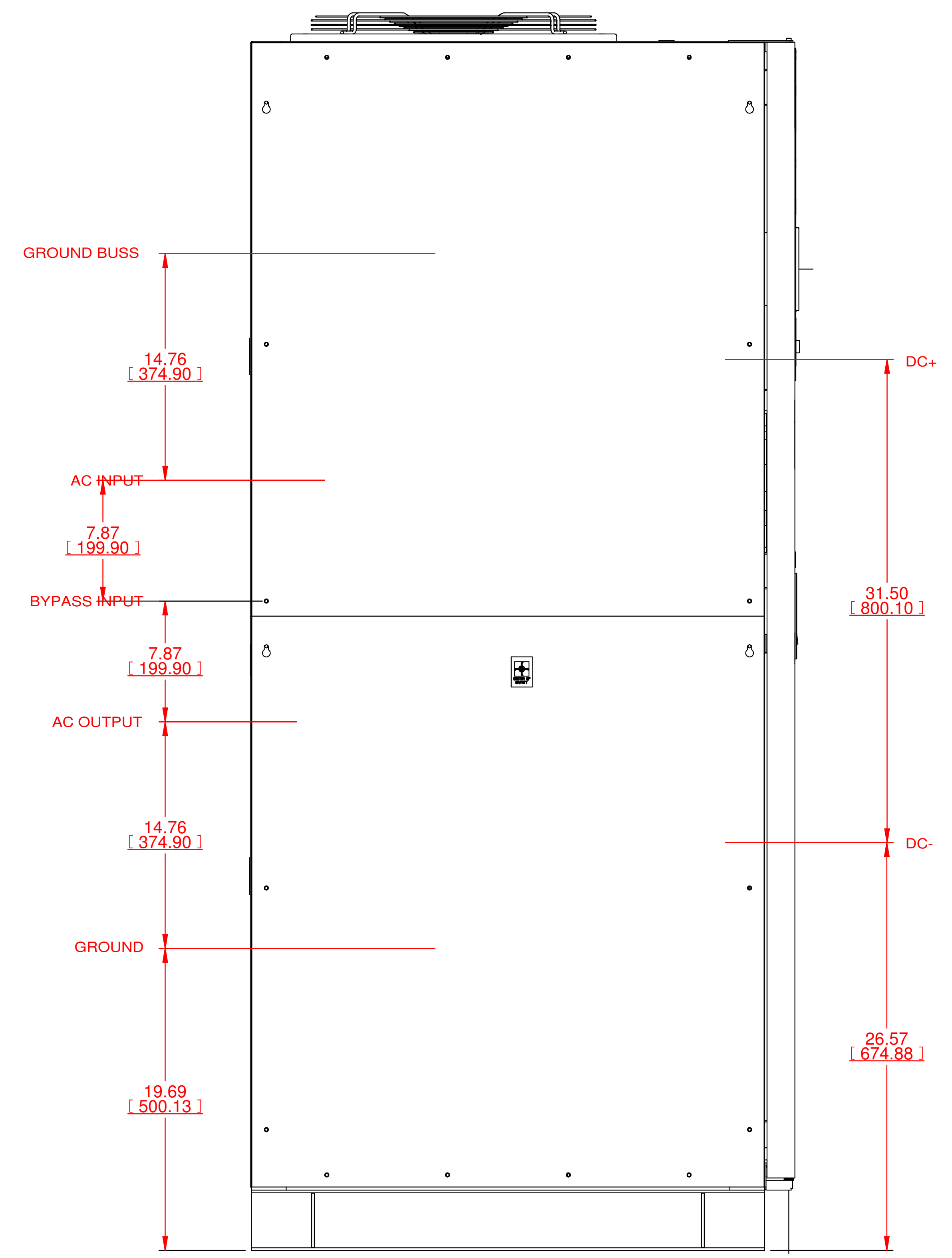
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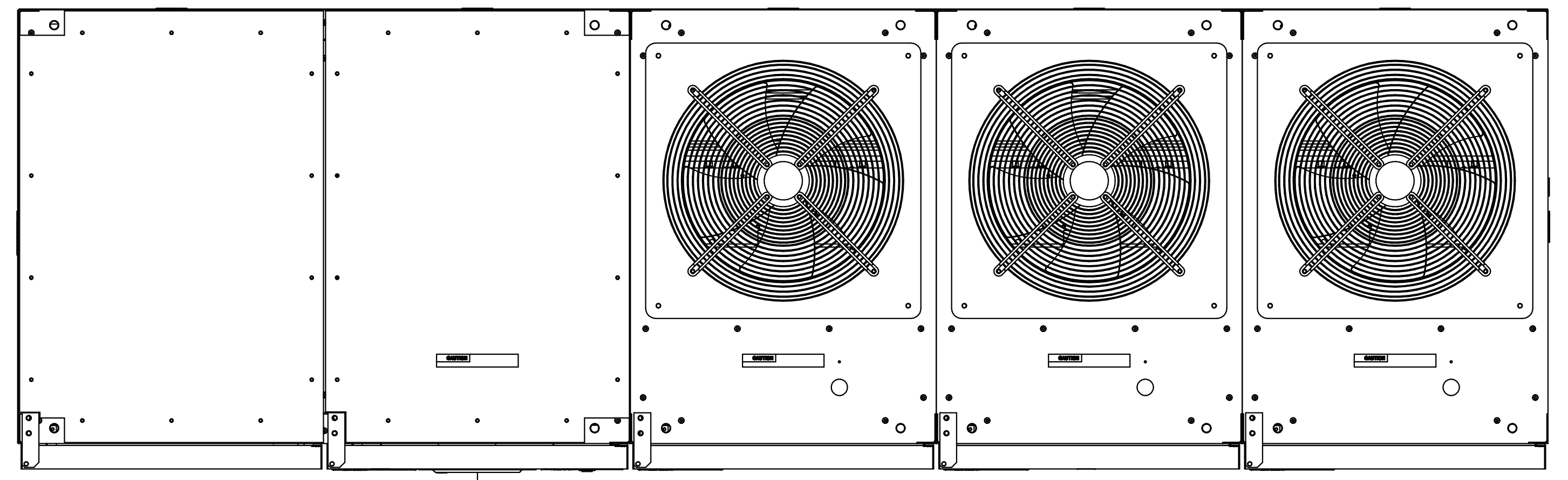
MITSUBISHI ELECTRIC

TITLE
9900C UPS MODULE

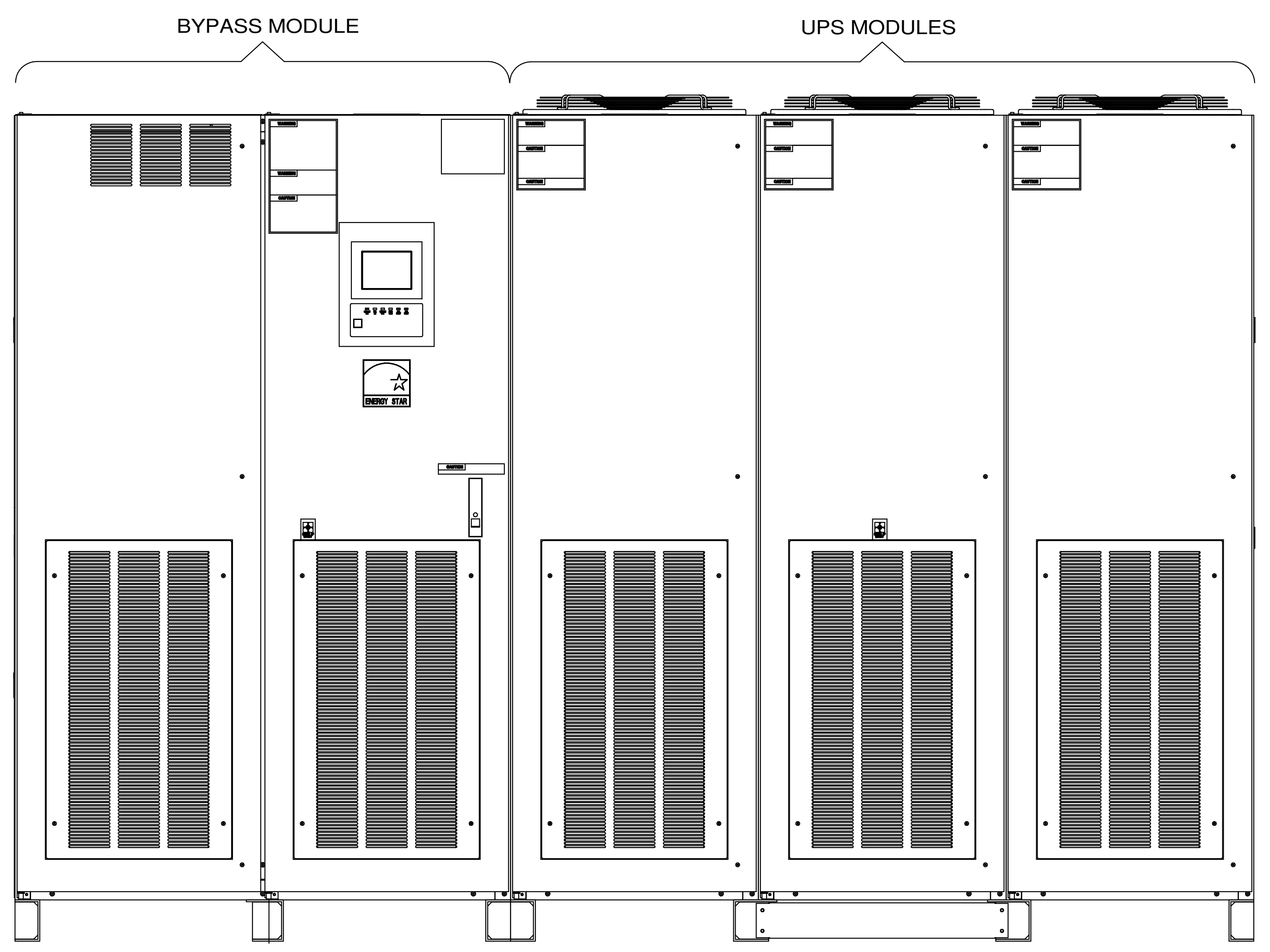
DWG. NO. UD-100354 SHEET 2 OF 6 REV. 5



LEFT SIDE VIEW
PANELS NOT SHOWN



TOP VIEW
PANEL NOT SHOWN



FRONT VIEW
PANEL NOT SHOWN

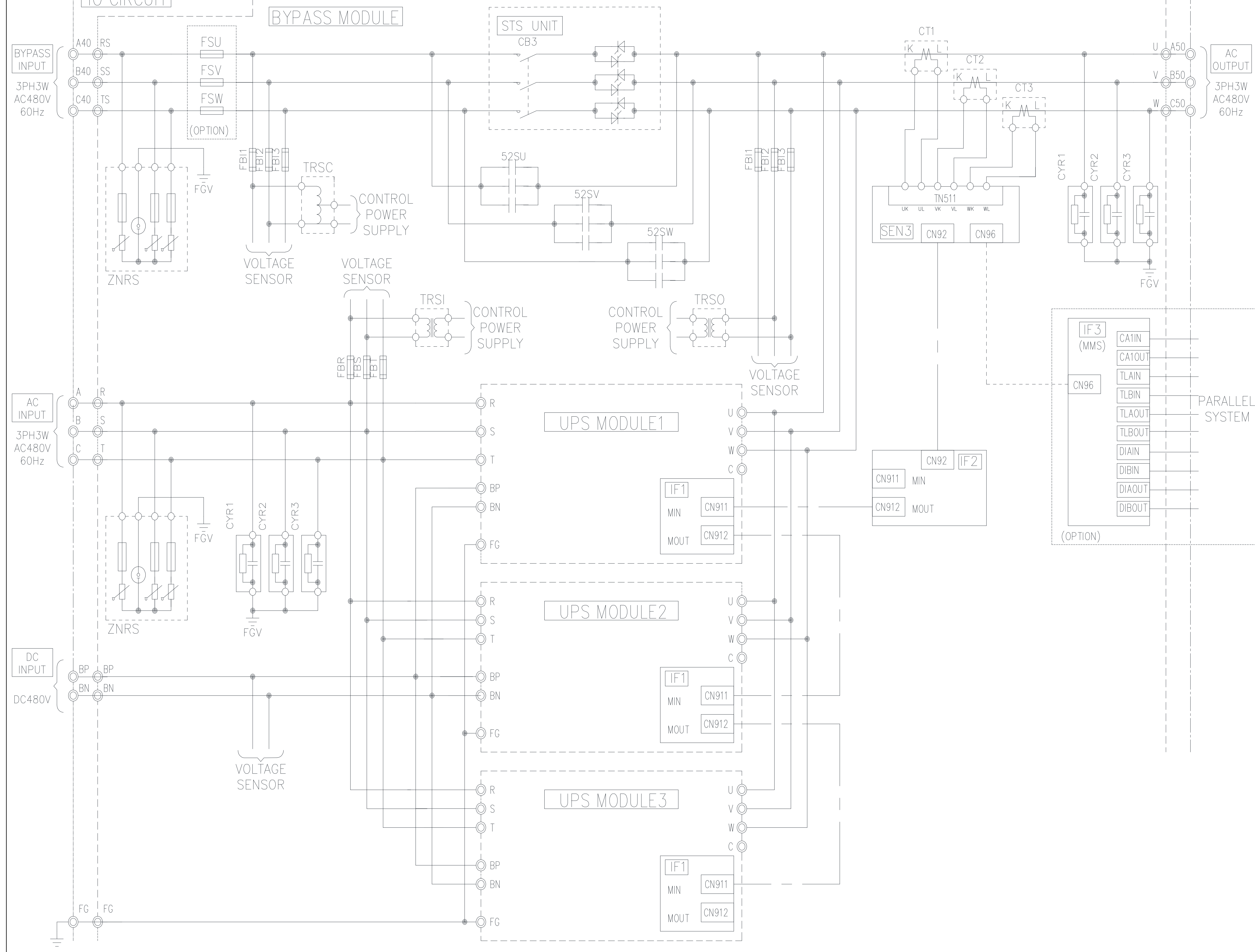
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MITSUBISHI ELECTRIC
 TITLE: **9900C UPS MODULE**
 DWG. NO. UD-100354 SHEET 3 OF 6 REV. 5



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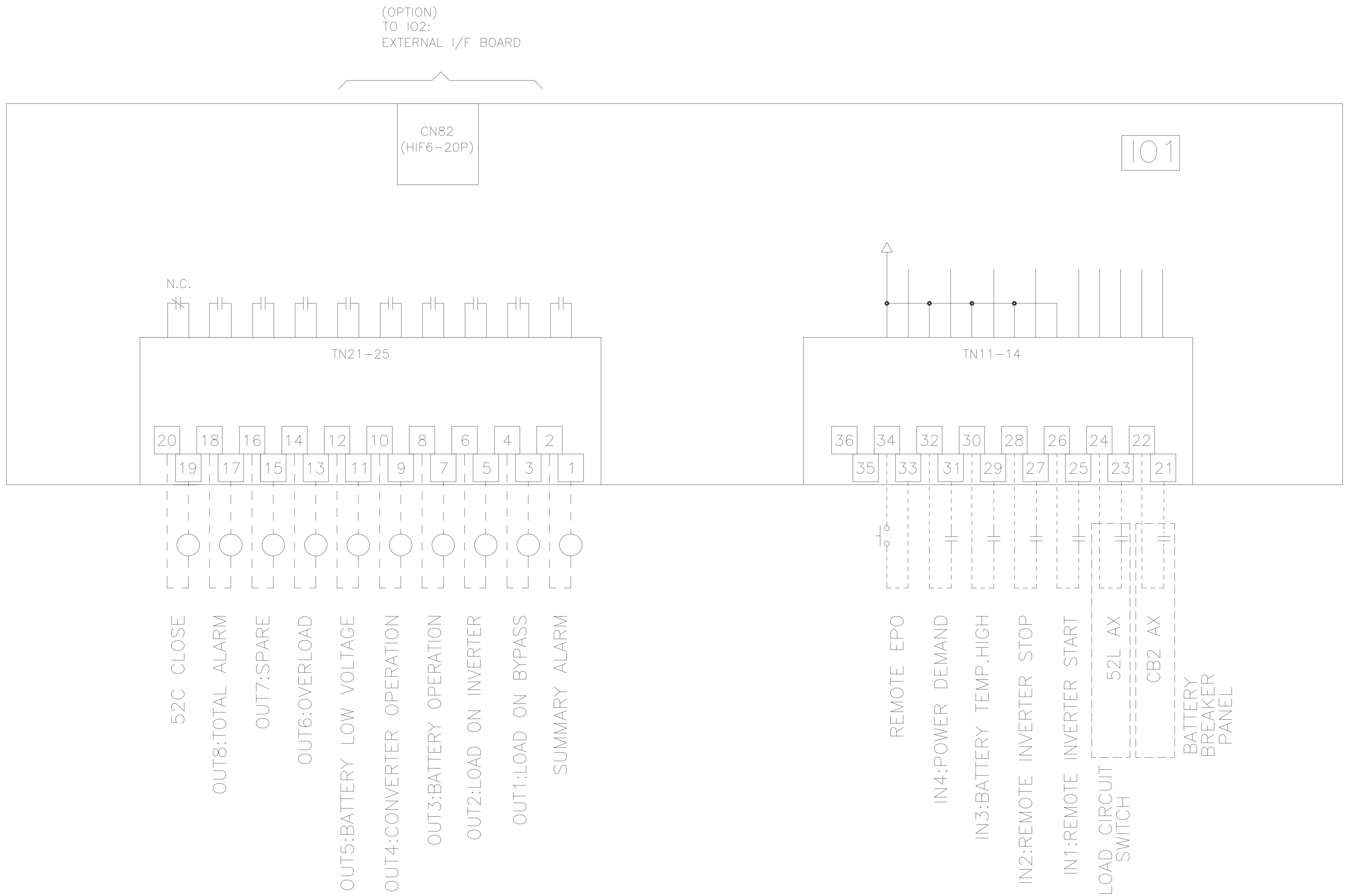
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CORE [REFERENCE] DRAWING

MITSUBISHI ELECTRIC

TITLE
9900C UPS MODULE

DWG. NO. UD-100354 SHEET 4 OF 6 REV. 5



(OPTION)
TO I02:
EXTERNAL I/F BOARD

CN82
(HIF6-20P)

I01

N.C.

TN21-25

TN11-14

20 18 16 14 12 10 8 6 4 2
19 17 15 13 11 9 7 5 3 1

36 34 32 30 28 26 24 22
35 33 31 29 27 25 23 21

52C CLOSE
OUT8:TOTAL ALARM
OUT7:SPARE
OUT6:OVERLOAD
OUT5:BATTERY LOW VOLTAGE
OUT4:CONVERTER OPERATION
OUT3:BATTERY OPERATION
OUT2:LOAD ON INVERTER
OUT1:LOAD ON BYPASS
SUMMARY ALARM

REMOTE EPO
IN4:POWER DEMAND
IN3:BATTERY TEMP.HIGH
IN2:REMOTE INVERTER STOP
IN1:REMOTE INVERTER START
LOAD CIRCUIT SWITCH
52L AX
CB2 AX
BATTERY BREAKER PANEL

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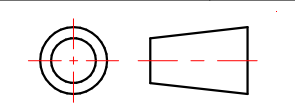
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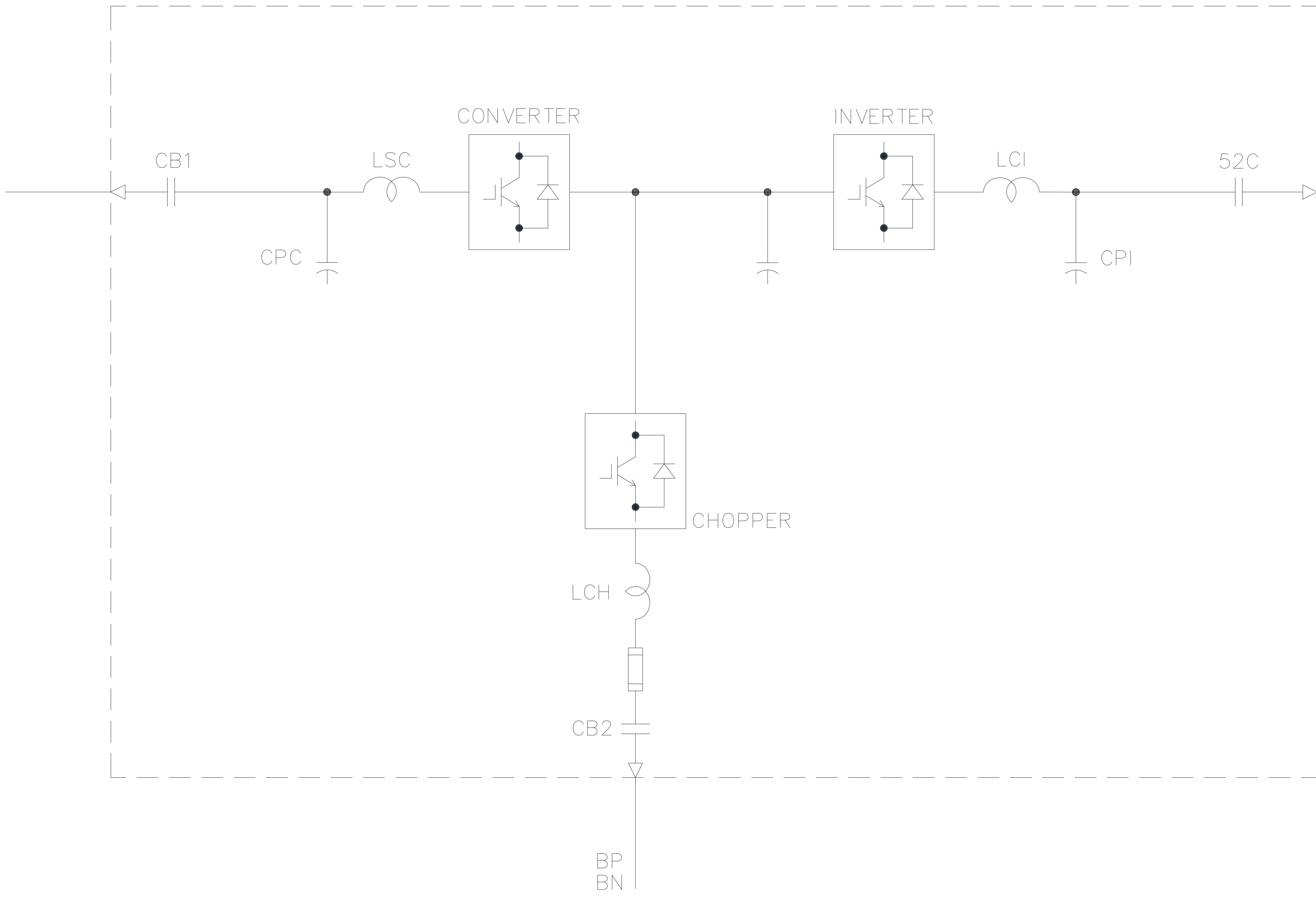
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CORE [REFERENCE] DRAWING

UPS MODULE (TYPICAL)

AC INPUT
3-PHASE 3-WIRE
AC480V 60Hz



AC OUTPUT
3-PHASE 3-WIRE
AC480V 60Hz

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