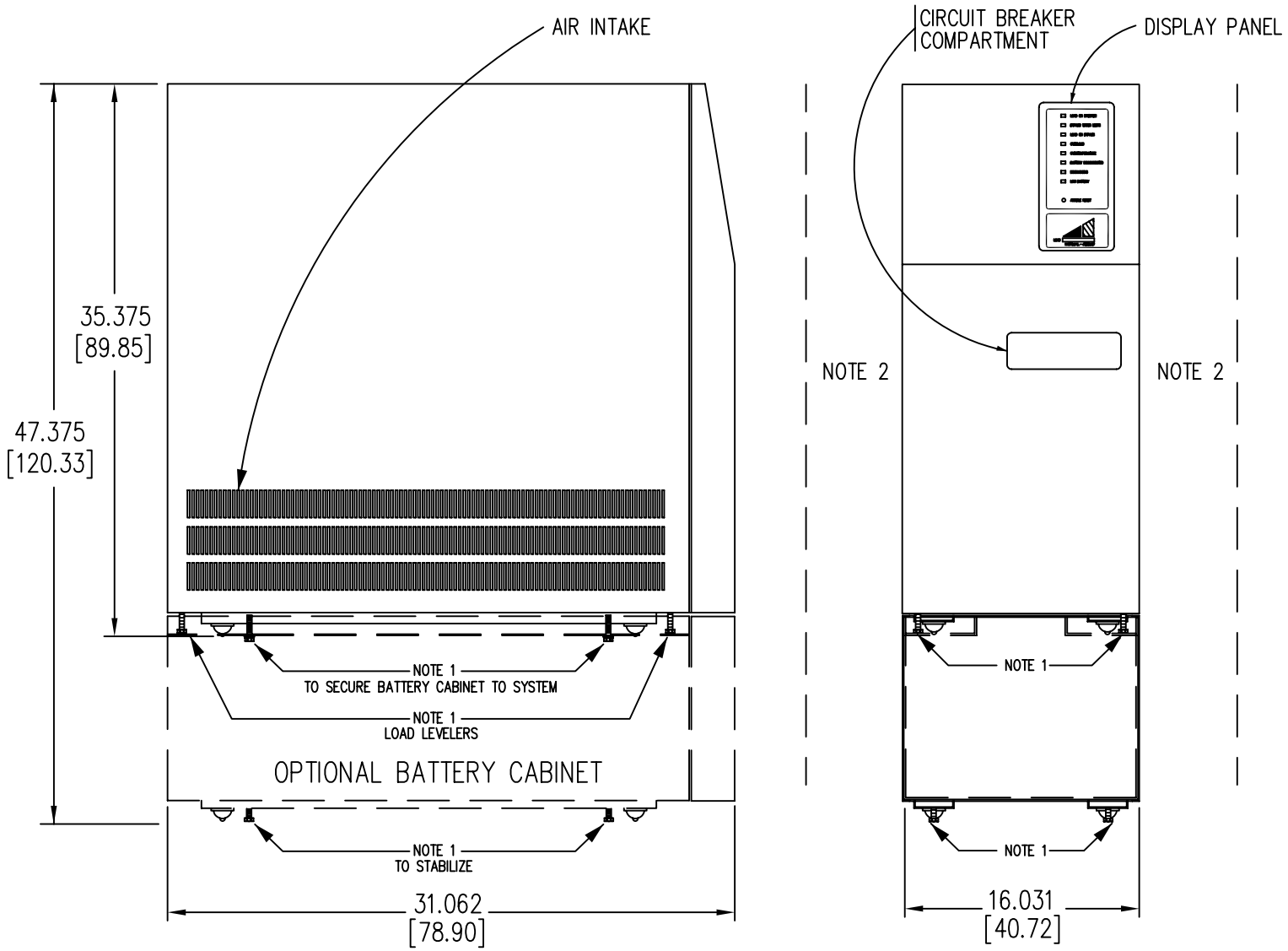


PHYSICAL INSTALLATION

1 POSTION SYSTEM IN FINAL LOCATION AND LOWER ALL LOAD LEVELERS UNTIL BALL TRANSFERS ARE NOT SUPPORTING SYSTEM. IF SYSTEM IS TO BE MOUNTED ON TOP OF BATTERY CABINET, REMOVE LOAD LEVELERS BEFORE MOUNTING SYSTEM ON TOP OF BATTERY CABINET. SECURE BATTERY CABINET TO SYSTEM WITH PROPER HARDWARE. THEN TURN DOWN BOLTS UNDER BATTERY CABINET TO STABILIZE.

2 PROVIDE 36 INCHES OF SERVICE CLEARANCE ON EACH SIDE AND 12 INCHES AT THE REAR OF THE UPS. LOCATIONS NOT PERMITTING THE REQUIRED CLEARANCE SHOULD BE INSTALLED USING LIQUID-TIGHT FLEXIBLE METAL CONDUIT.

GENERAL NOTES:

1 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS WITHIN BRACKETS [ ] ARE IN CENTIMETERS.

2 WIRE SYSTEM AS INDICATED IN THE FOLLOWING PAGES.

MECHANICAL DATA

WEIGHT: 9.375KVA = 620 Lbs [282 kg]

SIZE: SEE DRAWING AT LEFT
PAINT: SHERWIN WILLIAMS PT. No. F63A10317
COLOR: LIGHT GRAY

THERMAL DATA

HEAT DISSIPATION @ 100% LOAD
7.5KW = 5.5K BTU/HR MAX.

COOLING: FAN ASSISTED
OPERATING AMBIENT= 32°F TO +104°F
(0°C TO +40°C)

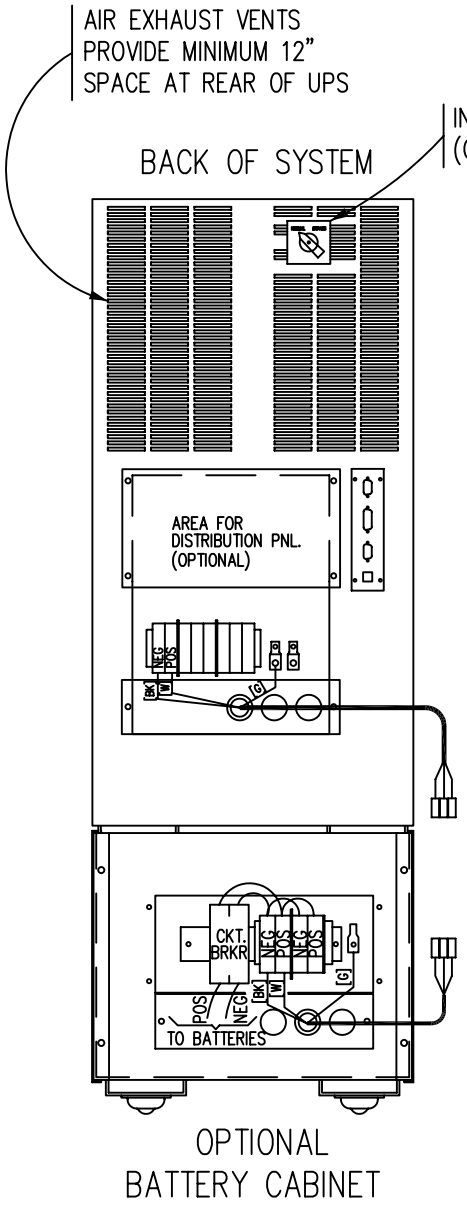
FOR MAXIMUM BATTERY LIFE, BATTERY MANUFACTURERS RECOMMEND AN OPERATING TEMPERATURE OF 77°F (25°C).

ENVIRONMENTAL DATA

NEMA 1= INDOOR DUTY, OPEN VENTILATED, NONCORROSIVE, CONTROLLED ENVIRONMENT PER UL1778, DOES NOT PREVENT ENTRY OF DUST.
HUMIDITY RANGE: 0 TO 95%, NON-CONDENSING
ALTITUDE DERATING: NONE BELOW 7000 FT. 10%/1000 FT. ABOVE
AUDIBLE NOISE: 50dB(A), 5 FT. IN FRONT OF UNIT, 4 FT. FROM FLOOR.

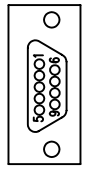
INSTALLER CONNECTIONS
9.375KVA/7.5KW SYSTEMS

DESIGN	DATE	
DRAWN G.CRUZ	DATE 10-31-91	IC5196-375
CHKD	DATE	
APPD R.J.MOROG	DATE 11-21-91	SHEET 1 OF 8 ISSUE

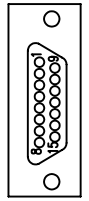


OPTIONAL
BATTERY CABINET

(J2) PIN No.	ALARM
5	COMMON
6	ON BYPASS (N.O.)
7	LOW BATTERY (N.O.)
8	GEN. ALARM (N.O.)
9	UTILITY FAIL (N.O.)

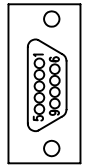


J2
ALARM CONTACT
PORT



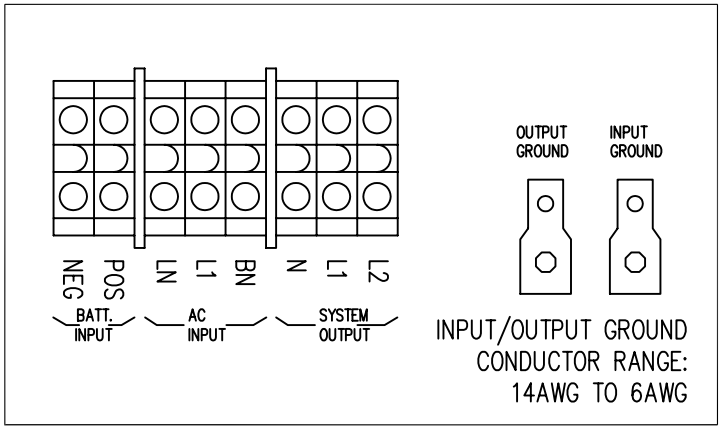
J3
REMOTE ALARM
PORT
(OPTIONAL)

NOTE 1



J1
RS-232 PORT
DB9S (FEMALE)
DCE CONNECTION
(OPTIONAL)

MODEM PORT
STD. RJ-11 JACK
(PART OF RS-232
OPTION)

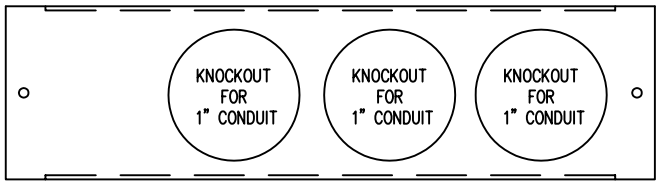


INPUT/OUTPUT GROUND
CONDUCTOR RANGE:
14AWG TO 6AWG

AC INPUT VOLTAGE	CONNECT TO
208V	L1 & LN & (BN NEUTRAL)
220V	L1 & LN & (BN NEUTRAL)
240V	L1 & LN & (BN NEUTRAL)

SYSTEM OUTPUT	CONNECT TO
120V	L1 & N
120/208V	L1 & N/L1 & L2
110/220V	L1 & N/L1 & L2
120/240V	L1 & N/L1 & L2

COVER PLATE



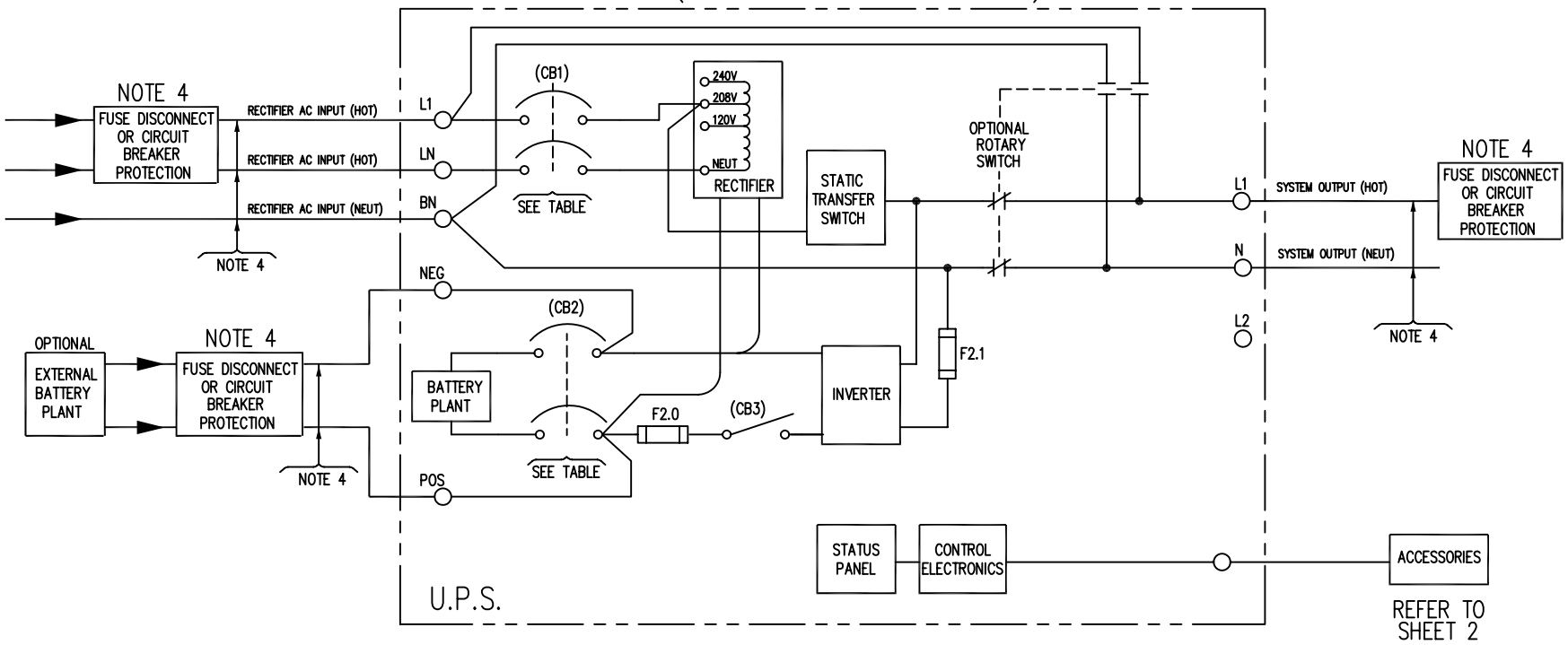
NOTES:
1 NOT TO EXCEED CLASS 2 LIMITATIONS.
REFER TO N.E.C. ARTICLE 725-31,
TABLES (a) & (b).

INSTALLER CONNECTIONS
9.375KVA SYSTEMS

IC5196-375

ISSUE

9.375KVA (208V INPUT, 120V OUTPUT)



NOTES:

1 WIRE SIZE RECOMMENDATIONS BASED ON 90°C COPPER CONDUCTORS OPERATING IN 30°C AMBIENT AND NEC TABLES 250-95 & 310-16, INCREASE CONDUCTOR SIZE FOR LONG RUNS.

2 ALL FIELD WIRING TO BE COPPER CONDUCTOR ONLY.

3 ALL GROUNDS SHOWN SHALL BE CONNECTED SEPARATELY TO A SINGLE GROUNDING POINT AT THE SOURCE SERVICE EQUIPMENT, PER IEEE STD. 446-1980 FIG. 72.

4 FUSE OR CIRCUIT BREAKER PROTECTION EXTERNAL TO UPS TO BE PROVIDED BY CUSTOMER. SEE TABLE BELOW FOR RECOMMENDED PROTECTION SIZING AND WIRE SIZING.

5 SPECIFIED TORQUE VALUES ARE FOR INTERNAL WIRING CONNECTIONS ONLY.

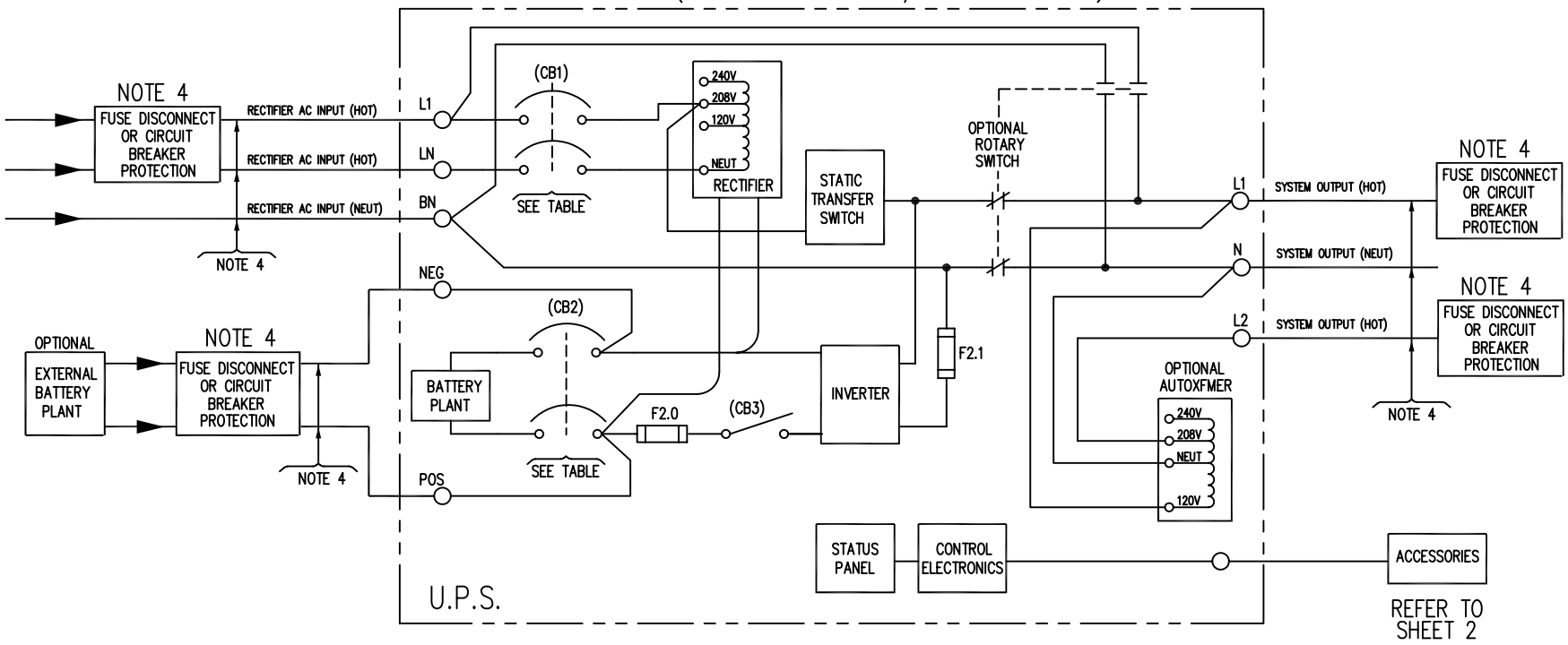
SIZE	SPEC. No.	AC INPUT TERM. No. (L1,LN,BN)									BATTERY LEAD TERM No. (POS.,NEG.)							SYSTEM OUTPUT TERM. No. (L1,N,L2)						
		AC INPUT	MAX. INPUT CURRENT	(CB1) RATING	A.I.C. RATING	TERM. CAPACITY	TORQUE	RECM. SIZE	RECM. FUSING	RECM. GRD. SIZE	(CB2) RATING	NOMINAL VOLTAGE	A.I.C. RATING	TERM. CAPACITY	TORQUE	RECM. SIZE	RECM. FUSING	OUTPUT VOLTAGE	FULL LOAD CURRENT (AMPS)	TERM. CAPACITY	TORQUE	RECM. SIZE	RECM. GRD. SIZE	RECM. FUSING
9.375KVA	5196-375	208	70 AMPS	80A	10,000	12-2 AWG	35 IN/LB	3 GA	100A	8 GA.	80A	120VDC	10,000	12-2 AWG	35 IN/LB	4 GA	80A	120V	62.5 AMPS	12-2 AWG	35 IN/LB	6 GA	8 GA.	80 AMPS

208V INPUT
120V OUTPUT
INSTALLER CONNECTIONS
9.375KVA/7.5KW
SYSTEMS

IC5196-375

ISSUE

9.375KVA (208V INPUT, 120/208V OUTPUT)



NOTES:

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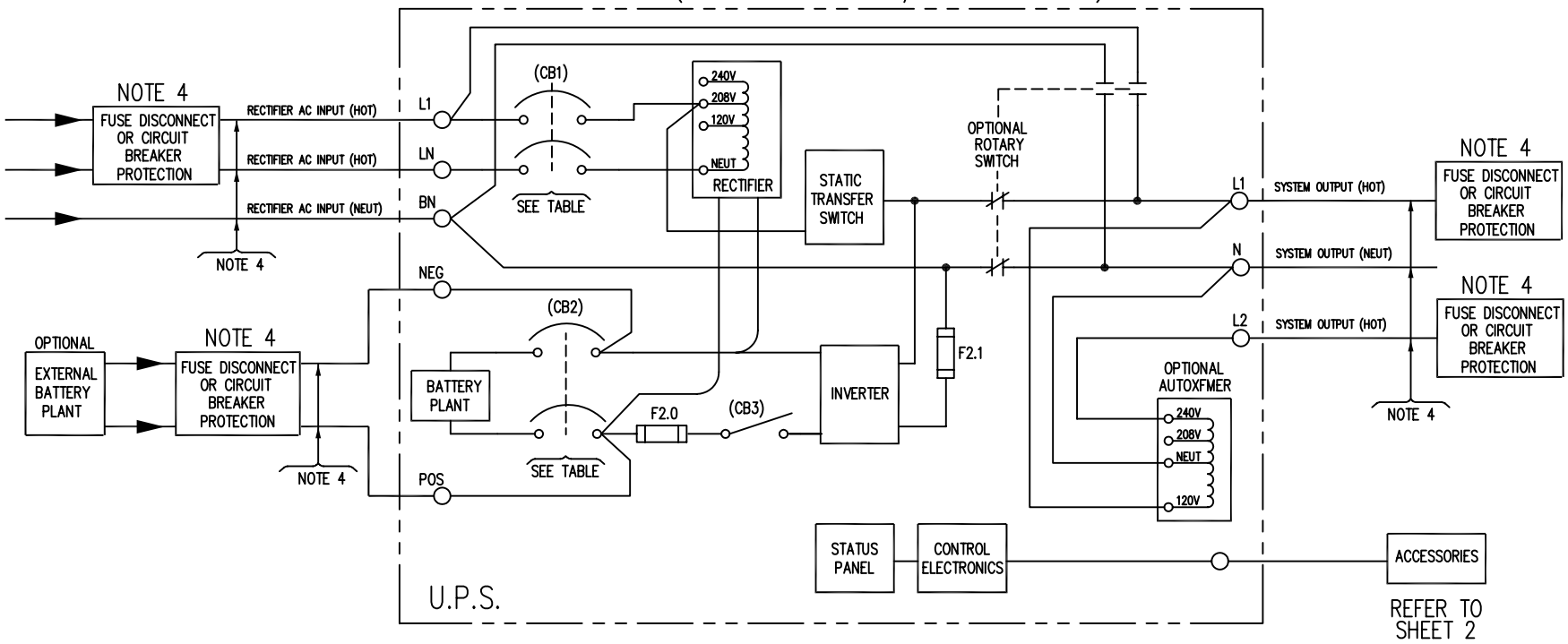
9.375KVA	5196-375	208	70 AMPS	80A	10,000	12-2 AWG	35 IN/LB	3 GA	100A	8 GA.	80A	120VDC	10,000	12-2 AWG	35 IN/LB	4 GA	80A	120/208V	62.5/36	12-2 AWG	35 IN/LB	6 GA	8 GA.	80A/50A

208V INPUT
120/208V OUTPUT
INSTALLER CONNECTIONS
9.375KVA/7.5KW
SYSTEMS

IC5196-375

ISSUE

9.375KVA (208V INPUT, 120/240V OUTPUT)



NOTES:

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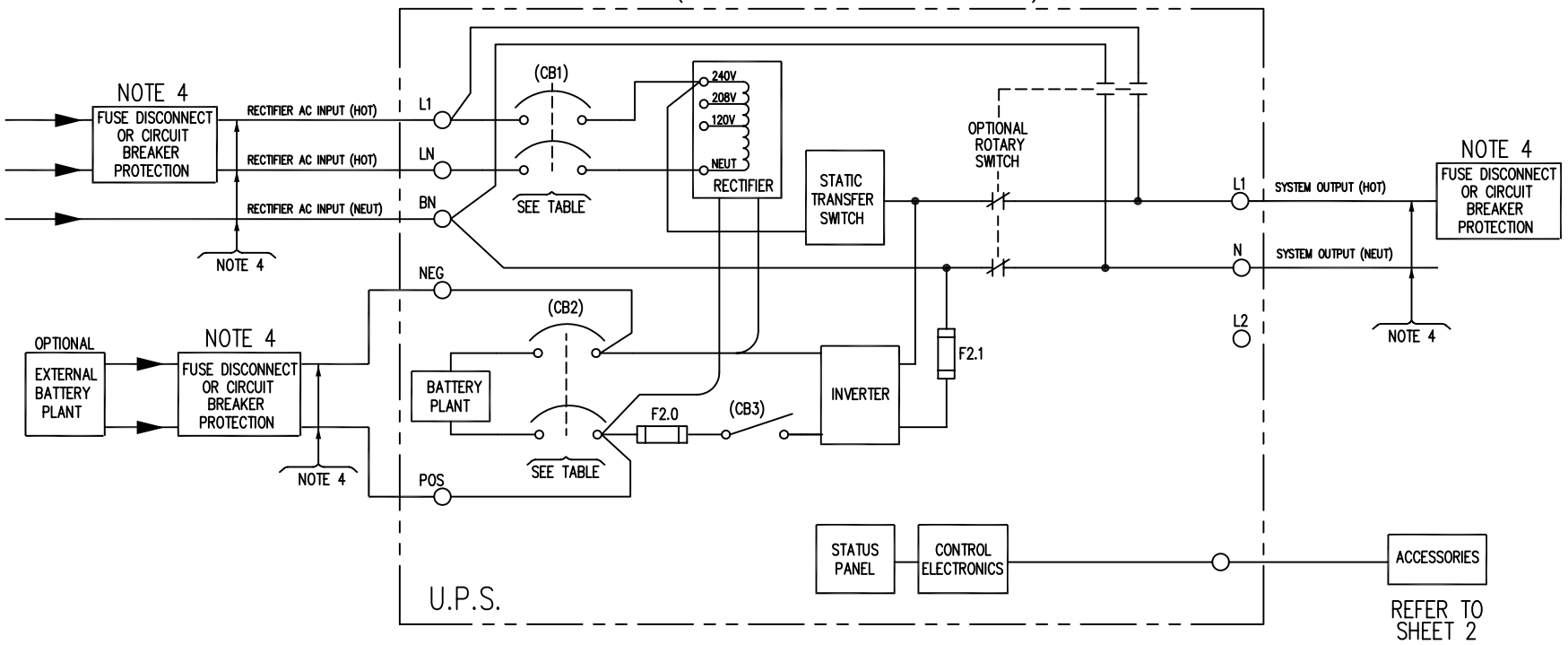
9.375KVA	5196-375	208	70 AMPS	80A	10,000	12-2 AWG	35 IN/LB	3 GA	100A	8 GA.	80A	120VDC	10,000	12-2 AWG	35 IN/LB	4 GA	80A	120/240V	62.5/31	12-2 AWG	35 IN/LB	6 GA	8 GA.	80A/40A

208V INPUT
120/240V OUTPUT
INSTALLER CONNECTIONS
9.375KVA/7.5KW
SYSTEMS

IC5196-375

ISSUE

9.375KVA (240V INPUT, 120V OUTPUT)



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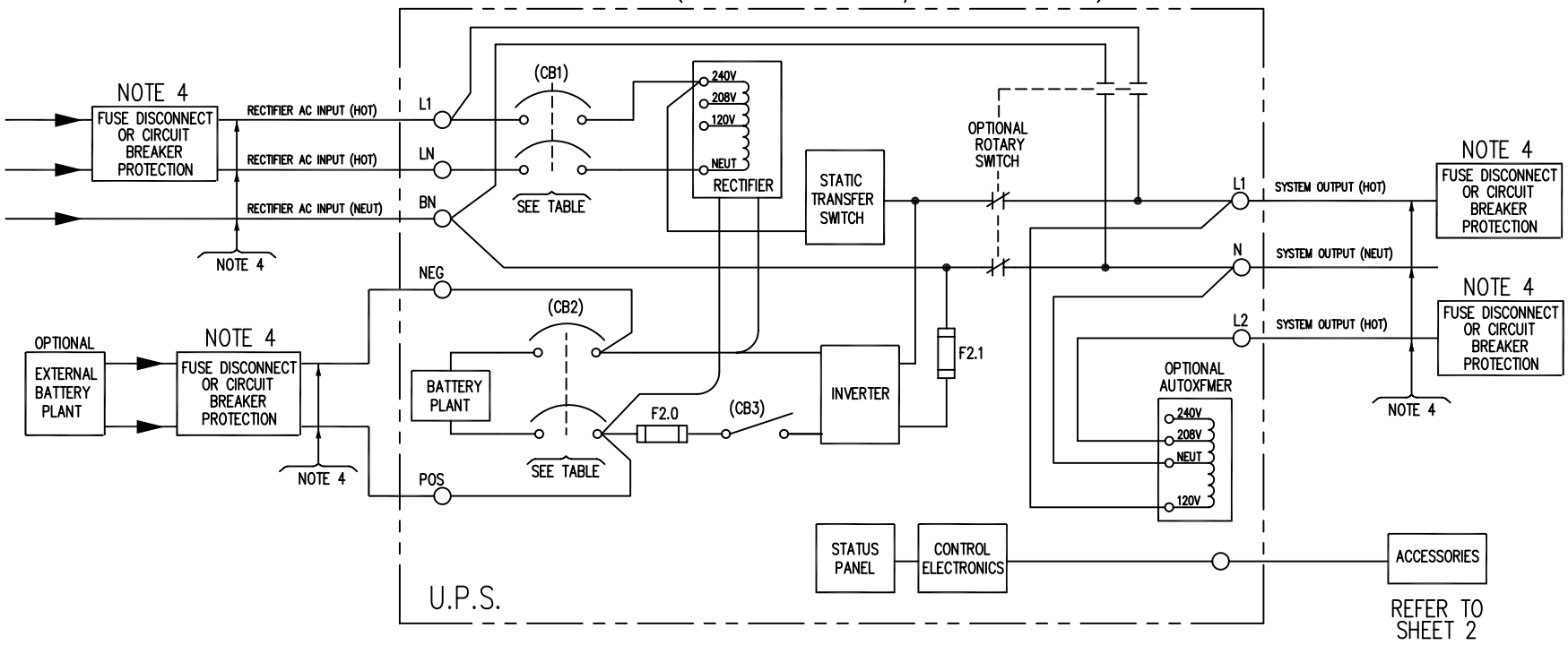
9.375KVA	5196-375	240	68 AMPS	80A	10,000	12-2 AWG	35 IN/LB	3 GA	100A	8 GA.	80A	120VDC	10,000	12-2 AWG	35 IN/LB	4 GA	80A	120V	62.5 AMPS	12-2 AWG	35 IN/LB	6 GA	8 GA.	80 AMPS

240V INPUT
120V OUTPUT
INSTALLER CONNECTIONS
9.375KVA/7.5KW
SYSTEMS

IC5196-375

ISSUE

9.375KVA (240V INPUT, 120/208V OUTPUT)



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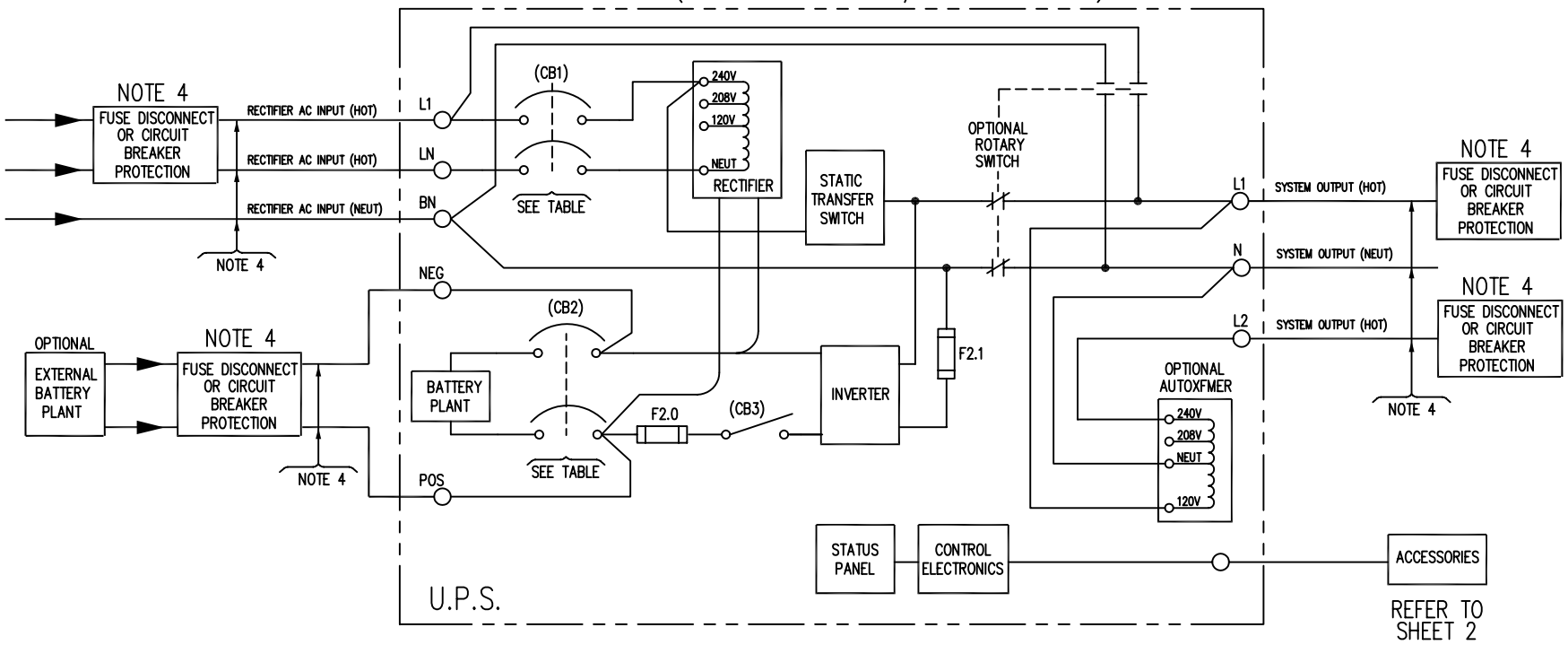
240V INPUT
120/208V OUTPUT
INSTALLER CONNECTIONS
9.375KVA/7.5KW
SYSTEMS

IC5196-375

ISSUE

9.375KVA (240V INPUT, 120/240V OUTPUT)



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240V INPUT
120/240V OUTPUT
INSTALLER CONNECTIONS
9.375KVA/7.5KW
SYSTEMS

IC5196-375

ISSUE