

This exploded view diagram illustrates the assembly of a power supply unit. The main components shown include:

- Case and Mounting:** The main chassis (1), side panels (2, 3), and mounting brackets (4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59).
- Internal Components:** The power transformer (1), electrolytic capacitors (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59), and other electronic components (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59).
- Connectors and Cables:** The power input cable (1), power output cable (2), and various connectors (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59).

The diagram includes a detailed exploded view of the power supply unit, showing the internal components and their assembly points. The components are labeled with numbers 1 through 59. The diagram is oriented horizontally, with the power supply unit on the left and the internal components on the right. The exploded view shows the relative positions of the components, allowing for easy identification and assembly.

50HZ (M-VOLTAGE, 110/220VAC & R-VOLTAGE, 231/400VAC

FUSED 220VAC(M) OR 200VAC(R) SOURCE FOR

N2

X Y

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EXPLODED VIEW: EV CONNECTION BOX C1 CPL

DRAWING #: 10000031070

GROUP A

ITEM	PART#	QTY.	DESCRIPTION
1	G056739	1	RELAY SOLENOID 12VDC PNL MNT
2	G022097	1	WASHER LOCK M6-1/4
3	G022264	4	WASHER LOCK #8-M4
4	G022241	2	NUT HEX 3/8-16 STEEL
5	0G3111	1	SCREW HHTT M6-1.0 X 25 ZINC
6	G022155	2	WASHER LOCK #6
7	G042568	2	SCREW HHC M6-1.0 X 20 C8.8
8	G057073	2	JUNCTION BLOCK 3/8-16
9	0K2513	1	CONNECTION BOX RH SIDE C1 CPL
10	0C2265	4	SCREW PHTT M4-0.7 X 12 ZP
11	0A9457	1	DECAL, NEUTRAL
(1)12	0F1262	1(REF)	HOLDER FUSE WICKMANN ATO STYLE
	0F1263	1(REF)	ADAPTER RH SIDE WICKMANN
	0F1264	1(REF)	ADAPTER LH SIDE WICKMANN
13	0C2428	2	SCREW PHTT #6-32 X 1/2 ZYC
14	0E3257	26	SCREW HWHTF M6-1.0 X 16
15	0A1658	1	WASHER LOCK SPECIAL 1/4"
16	0K2098	1	RELAY 12V 30A SPST PILOT DUTY
17	0D7177V	2	DIODE BRIDGE 1P 35A 1000V
18	A0000116161	1	DECAL TB2/TB3 CUSTOMER POWER CONN 50HZ
	A0000116162	1	DECAL TB2/TB3 CUSTOMER POWER CONN 60HZ
(1)19	0F540500AR	1(REF)	MX150L RRMNT PLG 16P W/O G A
20	0F5458	14	SCREW HHSP #10 X 3/8 HI-LOW
21	0H7293	1	DECAL CONBOX TB1 CONNECTIONS
(1)22	0D7393T	2(REF)	TERM BLOCK 3P UL 12-20AWG
23	G051714	3	NUT HEX M3-0.5 G8 CLEAR ZINC
24	G051716	2	NUT HEX M5-0.8 G8 CLEAR ZINC
(1)25	0F5396S0AR	1(REF)	MX150L SLRRMNT 22-18 12P W/OGA
26	G022237	2	WASHER LOCK 3/8
27	G043182	3	WASHER LOCK M3
28	0H8006B	1(REF)	DECAL CAUTION ELEC SHOCK SM
29	G049226	2	WASHER LOCK M5
(4)30	0F8451	2	LUG SLDLSS 300 MCM-6 AL/CU
31	0H9690	1	BUS BAR NTRL BLK 15-250A
(1)32	0E7403C	1(REF)	FUSE ATO TYPE 15 AMP (BLUE)
33	G067989	1	NUT HEX FL WHIZ M8-1.25
34	0K8829	1	CONNECTION BOX CENTER C1
35	0K6837	1	PANEL CONNECTION BOX BACK C1
36	---	---	-----
37	G052777	3	WASHER FLAT M3
38	067210A	1	DECAL GROUND LUG (60HZ UNITS)
	0G8785	1	DECAL, GROUNDING ELECTRODE (50HZ UNITS)
39	0D3700	4	NUT FLANGE M6-1.0 NYLOK
40	G051713	2	WASHER FLAT M5
(1)41	0D7393U	2(REF)	TERM BLOCK 4P UL 12-20AWG
42	G022473	8	WASHER FLAT 1/4-M6 ZINC
43	023484N	1	BUSHING SNAP SB-2.5-31
44	0K5555A	1	DEFLECTOR RAIN AIR INTAKE C1
45	G022131	2	WASHER FLAT 3/8-M10 ZINC
46	G056326	1	TRIM VINYL BLACK 1/8GP (6" LG)
47	0K3257	1	CONTROLLER TOP STANDOFF
48	0K3258	1	CONTROLLER BOTTOM STANDOFF
49	0K2267C	1	ASSY CONTROLLER PROTECTOR CPL
50	G052250	1	TAPE FOAM 1X1 (43" LG)
(2)51	0D7178T	1(REF)	FUSE ATO TYPE 7.5AMP (BROWN)
52	G077992	6	NUT HEX LOCK M6-1.0 SS NY INS
53	G043107	1	SCREW HHC M8-1.25 X 25 C8.8
54	0K7572	1(REF)	WATER BLOCK OFF ALTERNATOR LT
	0K7115	1(REF)	WATER BLOCK OFF ALTERNATOR RT
55	G090388	4	SCREW HHTT M6-1.0 X 12 ZINC
56	0K7573	1(REF)	WATER BLOCK OFF ALTERNATOR RT
	0K7116	1(REF)	WATER BLOCK OFF ALTERNATOR RT

EXPLODED VIEW: EV CONNECTION BOX C1 CPL**DRAWING #: 10000031070****GROUP A**

ITEM	PART#	QTY.	DESCRIPTION
58	10000007082	1	RES WW 10R 5% 50W QK CONN
(1)59	0F5386S0AR	1(REF)	MX150L SLRRMNT 22-18 10P W/OGA
60	10000024401	1	HARN CONBOX G1.5L PROTECTOR W/ES (NOT SHOWN)
	10000024359	1	HARN CONBOX G2.4L/G5.4L PROTECTOR W/ES (NOT SHOWN)
(3)61	0F6145	A/R	SEAL WEATHER .63"DIA
62	G056326	1	TRIM VINYL BLACK 1/8GP (5"LG)

NOTES (UNLESS OTHERWISE SPECIFIED):

- (1) ITEM INCLUDED WITH HARNESS P/N 0K7684.
- (2) ITEM INCLUDED WITH CONTROLLER P/N 0K2267C.
- (3) USED TO SEAL UNUSED HOLES.
- (4) TORQUE VALUES:
 - I/N 30 (SET SCREW) TO 31 ft-lbs.

ITEM	PART#	QTY.	DESCRIPTION
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