

GROUP

This technical diagram illustrates the exploded view of a mechanical assembly, likely a control panel or a specialized electronic device. The components are numbered 1 through 38, indicating their sequence in the assembly process. The main body (1) is a rectangular enclosure with a front panel (2) and a rear panel (3). The front panel features a large circular opening (18) and a smaller rectangular opening (13). The rear panel has a series of slots (3) and a central rectangular opening (13). The internal components include a main control unit (11) with a display (11A) and a keypad (11B). The control unit is connected to a power source (12) and a signal source (17). The assembly is secured with various fasteners, including screws (24, 25, 26, 27, 28, 29, 30, 31A, 31B, 32, 33, 34, 35, 36, 37, 38) and a locking mechanism (15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31A, 31B, 32, 33, 34, 35, 36, 37, 38). The diagram also shows the internal wiring and connectors (11, 12, 17, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31A, 31B, 32, 33, 34, 35, 36, 37, 38).

EXPLODED VIEW: EV CONTROL PANEL 60HZ

DRAWING #: 10000017206

GROUP EV

ITEM	PART#	QTY.	DESCRIPTION
1	0L6647	1	CONN BOX W/WLD STUD AND PEMS
2	10000006009	1	CUSTOMER CONNECTION PANEL
3	0L4262	1	BACK SUPPORT (9-11KW)
4	0L4261	1	CIRCUIT BREAKER BRACKET (9-11KW)
	0L3009	1	CIRCUIT BREAKER BRACKET (16-22KW, 15KW ECOGEN)
5	0L4260	1	ACCESS PANEL
6	0L4255	1	LED BACK COVER
7	0L4254	1	LED PLATE
8	10000042784	2	SCREW SWT M6-1.0 X 16 ZK W/NO WASHER
9	0K2888	1	GROUND BAR (4) 4-14 AWG ALUM
10	0K0481	4	LUG SLDLSS #2-#14 AL
11	10000001410	4	SCREW BHSC M3-0.5 X 25MM
12	0J8939	1	BACK CNTRLR SUPP BRKT
13	0H3535	9	NUT FLANGE M5-0.8 NYLOCK (11-22KW, 15KW ECOGEN)
	0H3535	8	NUT FLANGE M5-0.8 NYLOCK (9KW)
14	0G7714	1	ASSY PCB TRI LED DISPLAY
15	0G7621	3	SCREW HH HI-LO M4 X 10MM
16	10000003134	1	GROMMET WIRE SLEEVE 90°
17	0E7890	1	BRACKET CIRCUIT BREAKER MOUNTING
18	0E1330	1	GROMMET
19	0L6411A	1	WIRE #8 BLK E1-#10 RING 17"LNG (9-11KW)
	0L6692B	1	WIRE #4 BLK E1- #10RNG 13.0"LNG (16KW, 15KW ECOGEN)
	0L6692A	1	WIRE #3 BLK E1- #10RNG 13.0"LNG (20-22KW)
20	0L6411B	1	WIRE #8 RED E2 #10 RING 18"LNG (9-11KW)
	0L6693B	1	WIRE #4 RED E2- #10RNG 15.0"LNG (16KW, 15KW ECOGEN)
	0L6693A	1	WIRE #3 RED E2- #10RNG 15.0"LNG (20-22KW)
21	0D6029	3	SCREW HHTT M6-1.0 X 16 ZYC
22	0D3700	1	NUT FLANGE M6-1.0 NYLOK
23	023484S	1	BUSHING SNAP SB-1093-937
24	G090388	8	SCREW HHTT M6-1.0 X 12 ZINC
25	G051716	2	NUT HEX M5-0.8 G8 CLEAR ZINC
26	0K2098	1	RELAY 12VDC 30A SPST PILOT DUTY (11-22KW, 15KW ECOGEN)
27	0C2267	2	SCREW HHTT M5-0.8 X 12 ZP
28	10000002903	2	SCREW BHSC M3-0.5 X 10MM (11-22KW, 15KW ECOGEN)
29	0G7717	1	SCREW REDUCED HH HI-LO M6-0.3 X 10MM
30	0E7886C	1	CB 40A 2P 240V S BQ2 LB (9KW)
	0E7886E	1	CB 50A 2P 240V S BQ2 LB (11KW)
	0E7886G	1	CB 70A 2P 240V S BQ2 LB (16KW, 15KW ECOGEN)
	0E7886M	1	CB 0090A 2P 240V S BQ2 LB (20KW)
	0E7886H	1	CB 100A 2P 240V S BQ2 LB (22KW)
31	10000017335	1	HARN AC HSB EVO2 60HZ 426 (9KW) (NOT SHOWN)
	10000017341	1	HARN AC HSB EVO2 60HZ 530 (11KW) (NOT SHOWN)
	10000017342	1	HARN AC HSB EVO2 60HZ 999 W/ CT (16KW) (NOT SHOWN)
	10000028268	1	HARN AC HSB EVO2 60HZ 999 ECOGEN W/ CT (15KW ECOGEN) (NOT SHOWN)
A	0H7853	1	TERM BLOCK 3P UL 12-20 AWG LBL
B	0H7853A	1	TERM BLOCK 3P UL 12-20 AWG LBL
32	10000003275	1	ASSY CONTROLLER 2020 AC HSB
33	---	---	-----
34	---	---	-----
35	A0000538695	1	ASSY WIFI MODULE ENCRYPTED
36	G029333	4	TIE WRAP UL 7.4 X .19 NATL
37	10000016218	1	SWITCH ROCKER SPST ON-OFF IP65
38	10000016218	1	SWITCH ROCKER SPST ON-OFF IP65 (16-22KW, 15KW ECOGEN)