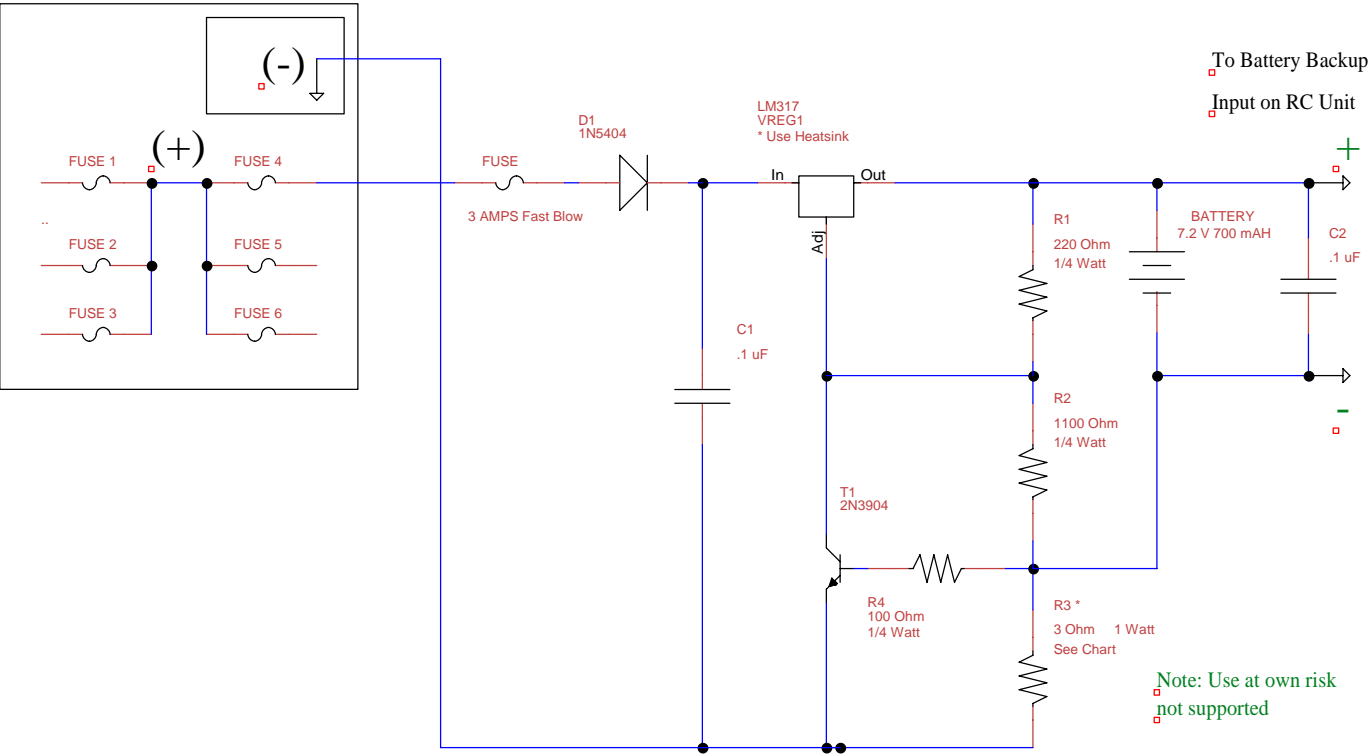


Circuit Breaker Pannel



Parts List

REF	Part Number	Radio Shack	Digikey
R1	220 Ohm ¼ W	271-1313	OD221JE-ND
R2	1100 Ohm ¼ W	N/A	N/A
R3	1 Ohm	N/A	WHB1R0FECT-ND
R4	100 Ohm	271-1311	OD101JE-ND
C1	.1 uF	272-1053	399-4151-ND
C2	.1 uF	272-1053	399-4151-ND
D1	1N5404	276-1144	1N5404-E3/51GI-ND
VREG1	LM317	276-1778	LM317TFS-ND
T1	2N3904	276-2016	2N3904FS-ND

Trip Volts	R3 Ohms	Charge Peak Current	Charge Time (Hours)
0.6	1	0.600	1.167
0.6	1.1	0.545	1.283
0.6	1.2	0.500	1.400
0.6	1.3	0.462	1.517
0.6	1.4	0.429	1.633
0.6	1.5	0.400	1.750
0.6	1.6	0.375	1.867
0.6	1.7	0.353	1.983
0.6	1.8	0.333	2.100
0.6	1.9	0.316	2.217
0.6	2	0.300	2.333
0.6	2.1	0.286	2.450
0.6	2.2	0.273	2.567
0.6	2.3	0.261	2.683
0.6	2.4	0.250	2.800
0.6	2.5	0.240	2.917
0.6	2.6	0.231	3.033
0.6	2.7	0.222	3.150
0.6	2.8	0.214	3.267
0.6	2.9	0.207	3.383
0.6	3	0.200	3.500
0.6	3.1	0.194	3.617
0.6	3.2	0.188	3.733
0.6	3.3	0.182	3.850
0.6	3.4	0.176	3.967
0.6	3.5	0.171	4.083
0.6	3.6	0.167	4.200
0.6	3.7	0.162	4.317
0.6	3.8	0.158	4.433
0.6	3.9	0.154	4.550
0.6	4	0.150	4.667
0.6	4.1	0.146	4.783
0.6	4.2	0.143	4.900
0.6	4.3	0.140	5.017
0.6	4.4	0.136	5.133
0.6	4.5	0.133	5.250
0.6	4.6	0.130	5.367
0.6	4.7	0.128	5.483
0.6	4.8	0.125	5.600
0.6	4.9	0.122	5.717
0.6	5	0.120	5.833

Title Battery Backup Charger		
Author Christopher E. Johnson cjohnson@ssvotech.org South Shore Vocational Technical High School		
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