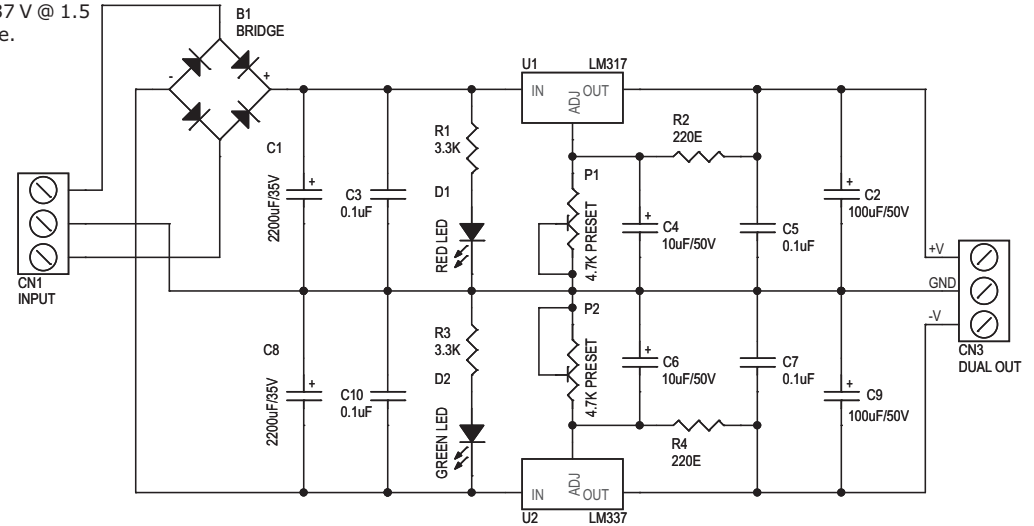


DUAL ADJUSTABLE REGULATED POWER SUPPLY 1.2V TO 37V DC

This project provides Positive and Negative (Dual) variable output power supply ranging from 1.2 to 37 V @ 1.5 A. Uses industry popular LM317 and LM337 in TO220 package. Project deliver variable output voltage.

- Input : 28 - 0 - 28 VAC or +/- 40 VDC
- Output : Dual variable output from ± 1.2 to 37 V @ 1.5 A regulated low ripple DC voltage
- Heatsink for regulator IC
- Onboard bridge rectifier to convert AC to DC
- LED indication at input of IC's
- Thermal overload/short circuit protection (provided by IC feature)
- Power Battery Terminal (PBT) for easy input and output connection
- Relimate connector for connecting Potentiometer (POT) to the PCB
- Filter capacitors for low ripple DC output
- Four mounting holes of 3.2 mm each
- PCB dimensions 59 mm x 72 mm



SR.	QTY.	REF.	DESCRIPTION
1	1	B1	W04/W06/W08 BRIDGE RECTIFIER
2	1	CN1	3 PIN PBT CONNECTOR
3	1	CN3	3 PIN PBT CONNECTOR
4	2	C1,C8	2200uF/35V Or 2200uF/50V
5	2	C2,C9	100uF/50V
6	4	C3,C5,C7,C10	0.1uF
7	2	C4,C6	10uF/50V OR 63V
8	1	D1	RED LED
9	1	D2	GREEN LED
10	2	P1,P2	4.7K/5K PRESET
11	2	R1,R3	3.3K
12	2	R2,R4	220E
13	1	U1	LM317
14	1	U2	LM337
15	2	HEATSINK	HS04019
16	2	SCREW	SC02905

