

LOW VOLTAGE
CUT OUT 10.5 V_{DC}
TYPICAL

SPREAD RESISTORS OUT
ON 2'x2' x 1/8" ALUMINUM SHEET
HEAT SINK W/ HEAT SINK
COMPOUND RADIO SHACK 276-1372 \$3.00
USE FAN TO COOL HEAT SINK

$R_1 \rightarrow R_{10} = 3.3 \Omega$
NEWARK 41K9162 \$3.40 ea
CR1 WHITE ROGERS
#90-248 \$20.00

$$I_{nom} = \frac{12}{.33} = 36.36 \text{ A}$$

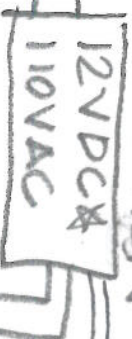
$$P = I V = (12)(36.36 \text{ A}) = 436 \text{ W}$$

BATTERY LOAD
TEST CKT
YELLOW TOP #34
KAF

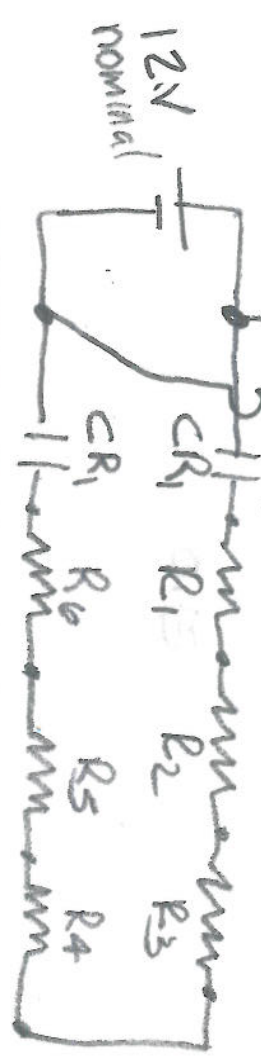
2 outlet
100w+

INVERTER

115VAC
WALMART
ANALOG
CLOCK \$10.



CR1 WHITE RODGERS 2POLE 40A 120VAC
#90-248 \$20.00
R1 → Rg = 0.15Ω 50W
NEWARK 28K6344 \$4.17 ea



SPEARD RESISTORS OUT
ON 1'x2'x1/16" ALUMINUM
SHEET. USE HEAT SINK
COMPOUND RADIO SHACK
#276-1372 \$3.00

$I_{nom} = \frac{12V}{0.9\Omega} = 13.33A$
which is the rated
1 hr current for
PSH 12180

$P = V \cdot I = (12)(13.33) = 160W$

Low voltage cut out
10.5 V typical

BATTERY LOAD
TEST CKT
PSH 120180
ICAF