

INVERTER HAKING FOR VARIABLE FREQUENCY

Thanks to Joe Low Watt Pictures I made this guide.

Used a WEGAN tech Peak Surge Power 2500 W continuous use 1000 watt. Input 12VDC Output 115V AC.

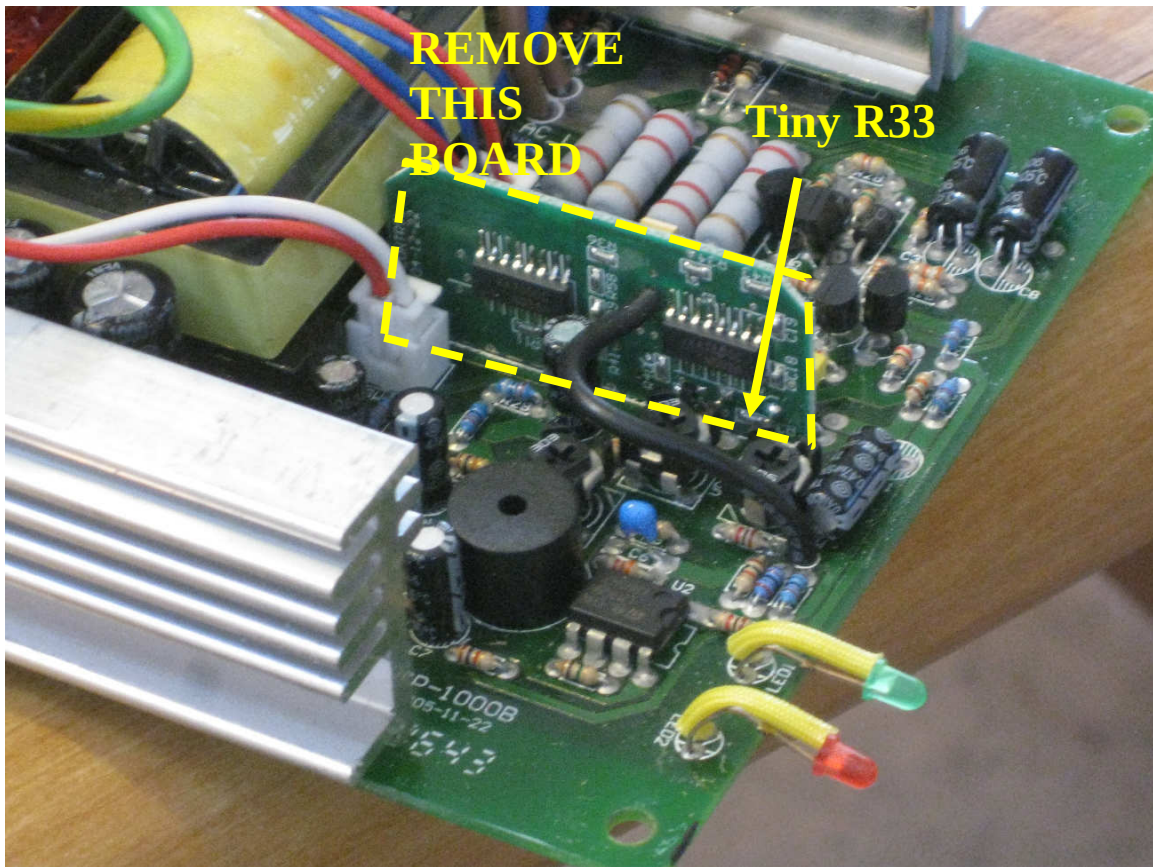
Place unit upside down and remove the two black screws securing the lid at the AC connection side.

Remove the black plate and remove the other two screws at the battery connection side.

Remove the two screws that hold down the circuit board, one is grounded.

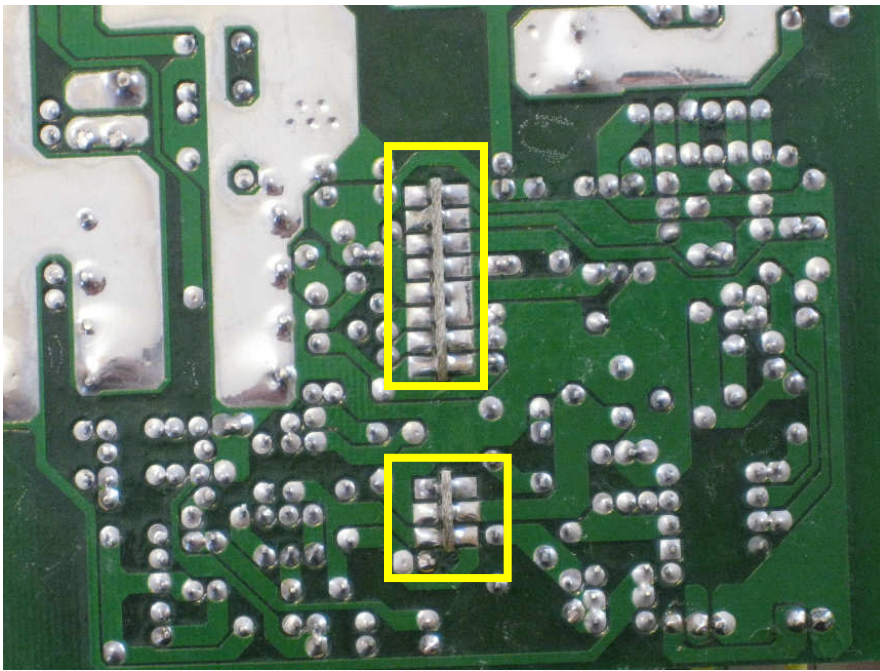
Slide the board out, it might be a little tricky but it will slide out.

Locate on the circuit board location to hack and look for R33 (resistance 33) in this board, this is the one that controls 60hz.



Decide if you can remove R33 in place or need to remove the board holding R33 to hack into it. It is quite small so I remove the board.

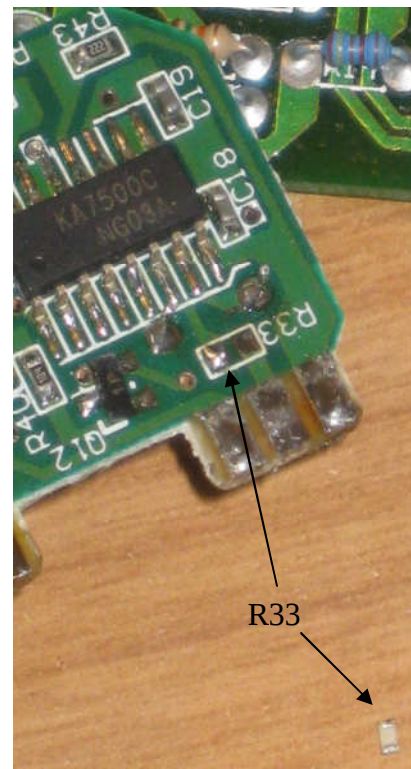
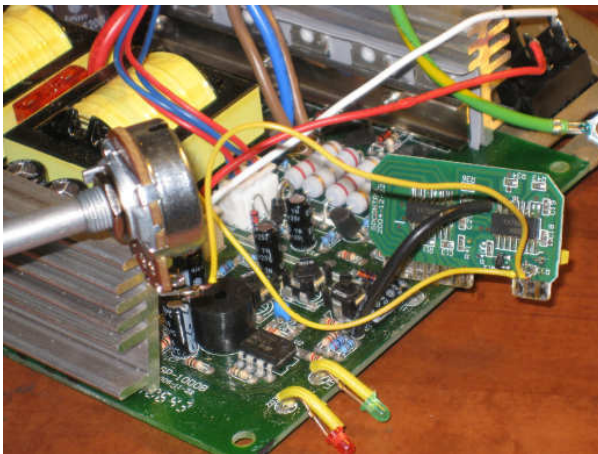
Turn board upside down and look board location soldered into main board.



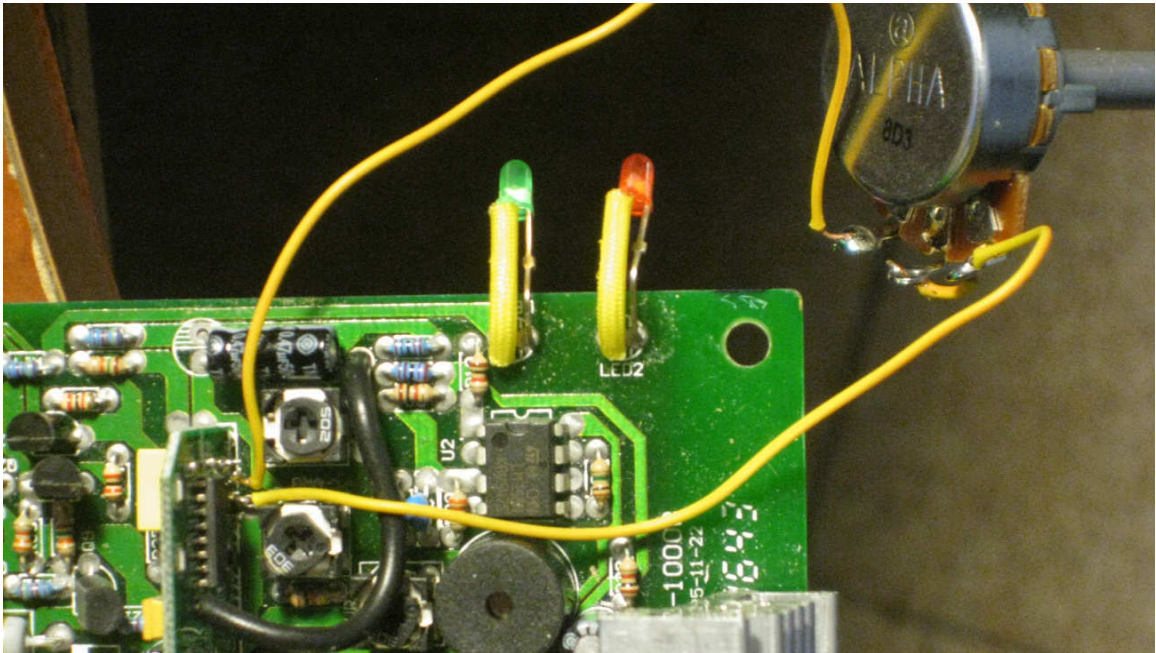
Remove all the tin that holds the board to the main board and remove the board. Use a tin sucker if need to.

Heat the tin parts that hold the little resistor and push it aside. Clean the area of tin in the main board and where the R33 was.

This is where you will solder your 100k potentiometer.



Find a place to drill a hole for the potentiometer. I set it on top as the sides don't allow screwing it in place.



Have fun! Escapo