

# Making a Low cost, simple and robust 6kW, 50HZ Pure Sine Wave, 48vdc to 230vac, INVERTER.

## PCB Component details for the OzCooling circuit, & PCB Etch Masks.

Single sided copper clad PCB, 67 x 82mm x 1.5mm 35um thick copper.

FET IFRB4110 TR. (2 off) ... Op Amp LM339N, (2 off). .... 3v Zener Diode, (1 off).

Single Turn 3 Pins Trimmer Pot Variable Resistors 50K Ohm (4 off). .... WIREWOUND 50r 5% 1W Fixed Resistors, (2 off). .... 0.6W Metal Film Resistor 10K , (6 off). ... 0.6W Metal Film Resistor 47K , (2 off). .... 100nf Ceramic Disc Capacitor 50V, (2 off). .

14-Pin DIL DIP IC Socket PCB Mount Connector, (2 off). .... -50 +70°C LCD Panel Digital Thermometer Temperature Meter Probes, (4 off). .... Computer cooling fans, good quality, 100mm diameter 12v. (4 of)

Molex KK Connector Housing 2 Way (Pack of 8). ....

Molex KK Straight Header Connector 2 Way (8 Pack). ....

Molex KK Connector Housing 3 way, (1 off). ....

Molex KK Straight Header Connector 3 way, (1 off).

& 18 Molex crimp terminals to match.

