

TWO TRANSISTOR FORWARD CONVERTER -with synchronous rectification.

VIN=+48V

K L1 L2 0.999

**160W
LOAD**

.ic V(out) = 40V

VOUT=40V

**Magnetising current =
 $I(L1) + 2.11 * I(L2)$**

**NOTE THE RCD
CLAMPS ACROSS
THE SYNC FETS**

**Use higher
voltage
diodes here.**

