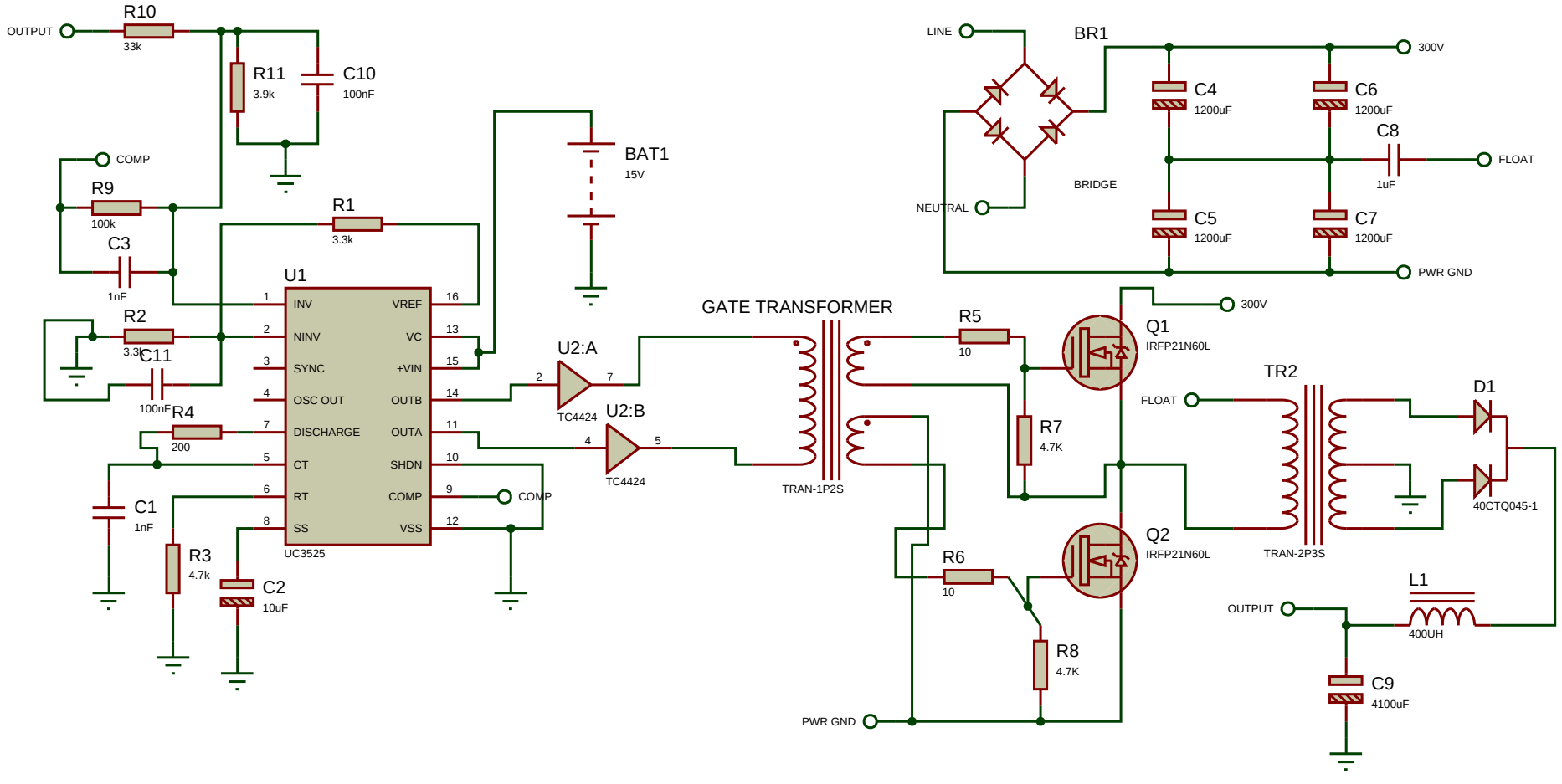
OUTPUT
R10
33k
R11
3.9k
C10
100nF
COMP
R9
100k
C3
1nF
R1
3.3k
BAT1
15V
U1
R2
3.3k
C11
100nF
R4
200
C1
1nF
R3
4.7k
C2
10uF
INV
NINV
SYNC
OSC OUT
DISCHARGE
CT
RT
SS
VREF
VC
+VIN
OUTB
OUTA
SHDN
COMP
VSS
UC3525
U2:A
U2:B
TC4424
TC4424
COMP
GATE TRANSFORMER
TRAN-1P2S
LINE
NEUTRAL
BR1
BRIDGE
C4
1200uF
C5
1200uF
C6
1200uF
C7
1200uF
C8
1uF
300V
FLOAT
PWR GND
R5
10
R7
4.7K
Q1
IRFP21N60L
300V
R6
10
R8
4.7K
Q2
IRFP21N60L
PWR GND
TR2
TRAN-2P3S
FLOAT
D1
40CTQ045-1
L1
400UH
OUTPUT
C9
4100uF