

circuit description:

When a power of 20V/50-60Hz is inputted into the ballast, it goes through D1, D2 and C2, C3 to be rectified, filtered and converted into a direct current power. Then the later goes through R1 and R2 to charge C4. As soon as the voltage of C4 is up to $32 \pm 2V$, Q2 is actuated. On the actuation of Q2, operating power is goes through C6, C7, L2, L3, Q2, R6 to light the fluorescent lamp tube. The operating power is maintains a stable working status via the two oscillation coils of C6, L3, Q2 and L3, C6, Q1 (Operating frequency: 40-50KHz)