

Working Principle

A current pass through a filter and AC-DC converter which constructed by C1, C2, L1, D1, D2, D3 and D4. Then, current pass through R1 and R2 to produce a base current for Q1 and Q2. A positive feedback voltage let Q1 and Q2 jump to saturation region rapidly. Next, the transformer is not charged and the induce voltage disappear. Q1 will be discharged because base current decrease and finally switch off and complete one oscillation cycle. A high frequency pulsed voltage will be induced on L2 and turning on the fluorescent tube.