

Circuit Description

AC power through the black and white line to electronic ballast, through diode rectifier, inductor capacitor filter the DC voltage to current PPFC ,then by the PPFC DC voltage supply to the half-bridge inverter circuit, and finally through the push-pull output, occurred LC resonant light lamp.This circuit also added an exception to protect the ballast, if the circuit or outlet tube abnormalities, half-bridge inverter can stop working by the circuit protection.This can protect the electronic ballast does not damage. The operation frequency of the circuit is 52kHz.