

POWER SOURCE APPARATUS**ABSTRACT OF THE DISCLOSURE**

A power source apparatus according to the present invention is one in which an exciting current of a primary side winding of an insulating converter transformer is switched by a switching element and an oscillation state of an oscillating drive circuit connected to the switching element is controlled according to a secondary side output voltage of the insulating converter transformer for controlling the secondary side output voltage to be a constant voltage. Under the control of the oscillating drive circuit, a supplying path of the exciting current is changed over between two modes of a full bridge action and a single ended push-pull and half bridge action.

Figure 3