

ABSTRACT

5 A power converter apparatus comprises a diode
module (or a converter), a smoothing capacitor, and an
inverter. A main circuit conductor connects each of
the components which are the diode module (or the
converter), the smoothing capacitor and the inverter.
The main circuit conductor is formed integrally on an
insulating substrate board according to a patterning.
10 The above main circuit conductor comprises a plus side
conductor for connecting a plus terminal of each of the
components and a minus side circuit conductor for
connecting a minus terminal of each of the components.
A voltage detecting means for detecting the direct
15 current voltage of the diode module (the converter) and
a voltage detection means for detecting the direct
current of the inverter are formed integrally on the
insulating substrate board. A gate drive circuit for
driving the diode module (the converter) and a gate
20 drive power supply unit thereof are formed integrally
on the insulating substrate board, A gate drive
circuit for driving the inverter and a gate drive power
supply unit thereof are formed integrally on the
insulating substrate board.

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This Sheet Has Been Replaced

