

SYSTEM INTERCONNECTION GENERATOR

ABSTRACT

A system interconnection generator (2) comprising a power converting unit for converting solar energy into AC power by using a voltage chopping waveform, the ON duty of which is adjusted, thereby to supply the converted AC power to the system for a commercial AC power source. The distortion of the current waveform of the AC power supplied from the system interconnection generator (2) to the system is detected to correct the ON duty of the chopping section after 360 degrees of the chopping section, the distortion of which has been detected, in accordance with the distortion.

Fig. 1