

ABSTRACT OF THE DISCLOSURE

A system-interconnected generator permits effective use of surplus power generated by a solar battery for operating electric equipment such as an air conditioner. The system-interconnected generator having a power converter for converting solar energy to AC power and supplying the AC power to a system on a commercial AC power supply so as to make it possible to sell the power to the system is equipped with: a storing section for storing an integrated value of the AC power which has been converted from solar energy by the power converter; a correcting section for subtracting a value of power, which is consumed by particular electric equipment receiving power supplied from the system, from the integrated value stored in the storing section; and a demanding section for enabling a demanding function of the electric equipment when the integrated value stored in the storing section becomes smaller than a predetermined value.