



ISTITUTO ITALIANO
DI TECNOLOGIA

TITLE

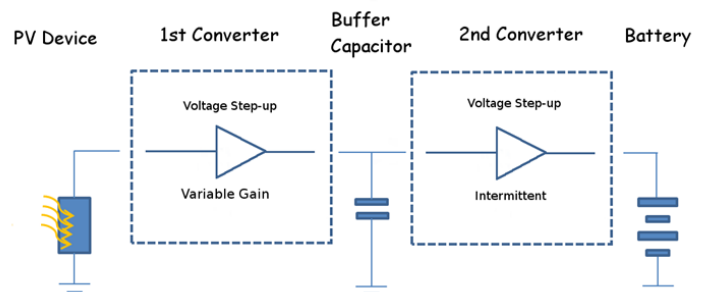
Circuito e procedimento per alimentare un carico tramite un dispositivo fotovoltaico e una batteria

INVENTORS

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DESCRIPTION

The invention consists of a voltage converter architecture allowing the powering of electronic circuits through photovoltaic devices together with batteries. The invention allows extracting power from the photovoltaic device even in such conditions, making possible for the photovoltaic device to partially contribute to the powering of the load and consequently reducing the energy drained by the battery.



APPLICATIONS

Photovoltaic charging

KEYWORDS

Photovoltaic, buffer capacitor, Step-up, low-light

BIBLIOGRAPHIC DATA

Photovoltaic battery charger for low light illumination conditions

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