

2 CELL LITHIUM ION BATTERY CHARGER

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ABSTRACT

The proposed circuit can be used to charge a couple series Lithium cells (3.6 volts each, 1Amp Hour capacity) installed in any portable electronic modules. Example; A transistor radio.

The charger operates on a simple principle by supplying a short current pulse and then monitoring the battery voltage. Indicators are to be alarm the user for low voltage condition and full charge condition of the battery.

The charger also can be used to charge other types of batteries such as Ni-Cad, or lead acid batteries by adjusting shut-off voltages.