

Re: How to get a constant current source?

Source: <http://sci.tech--archive.net/Archive/sci.electronics.basics/2005-06/msg00537.html>

- *From:* "redbelly" <redbelly98@xxxxxxxxxx>
 - *Date:* 17 Jun 2005 16:24:38 -0700
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thomson.eric@xxxxxxxxxx wrote:

> ... Why is it so easy to find
> voltage sources at your local store (i.e., batteries!), but searching
> for current sources on the web leads to a complicated bunch of circuit
> diagrams?

Because batteries involve chemistry, and it is the nature of the chemicals or materials used to maintain a constant potential difference. This is simply how nature works.

To make a constant current source requires (usually) some sort of active feedback loop, to monitor the current output and adjust the power source accordingly.

Mark

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- *Follow-Ups:*
 - ◆ **[Re: How to get a constant current source?](#)**
 - ◇ *From:* thomson.eric@xxxxxxxxxx
- *References:*
 - ◆ **[How to get a constant current source?](#)**
 - ◇ *From:* thomson.eric@xxxxxxxxxx
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