

Re: Another Novice Q. – recharging – Volts and Amps

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- *From:* Kris Krieger <me@xxxxxxxxxxx>
 - *Date:* Fri, 27 Jun 2008 14:08:07 –0500
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ehsjr <e.h.s.j.r.removethespampunctuation@xxxxxxxxxxxxxxxxxxxxx> wrote in [8vU8k.58\\$BR.4@trnddc06](mailto:8vU8k.58$BR.4@trnddc06):>news:[8vU8k.58\\$BR.4@trnddc06](mailto:8vU8k.58$BR.4@trnddc06):

Kris Krieger wrote:

ehsjr <e.h.s.j.r.removethespampunctuation@xxxxxxxxxxxxxxxxxxxxx> wrote in [u3E8k.54\\$WJ.12@trnddc04](mailto:u3E8k.54$WJ.12@trnddc04):>news:[u3E8k.54\\$WJ.12@trnddc04](mailto:u3E8k.54$WJ.12@trnddc04):

[edited]

Only **after** I know all that, can I select the specific cells, and configuration thereof...

– Kris

As you said, you are working backwards. You don't yet understand that doing it that way can result in a specification for cells that are "unobtainium".

Ed

"Unobtainium"??, it's a modest LED night–lamp, not an airport beacon :p

I **already** know the batteries and their output, and the input needed by the LED driver and what it will output to run the LEDs (which will run off the batteries at night) – those are not the problem.

To charge my 4 little 1.2V AA NiMH batteries, I have seen the following solar cells (and more, this isn't an all–inclusive list):

0.5V, 200mA

0.5V, 450mA

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0.5V, 800mA
0.5V, 2000mA
1V, 200mA
2V, 200mA
3V, 400mA
4V, 25mA
etc.

I also know that, depending upon how I connect cells, I can up the Volts or up the Amps, or both if it's a series-parallel combination. The biggest Q. is the volts. I read that, using a 5V solar cell, charging time would be the battery mA divided by the cell