

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

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 - *Date:* Mon, 23 Jun 2008 22:02:08 +0100
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"Kris Krieger" <me@xxxxxxxxxxx> wrote in message
news:HN6dnUa5Bpt2esLVnZ2dnUVZ_h3inZ2d@xxxxxxxxxxxxxxxxxxx

Apologies in advance if this is a dopey question, but, when it comes to recharging batteries, and using a solar cell to do that, what I've been assuming, based on th info that peopl ehere have kindly provided, and also that I've foind on–line, is that teh mA output of the solar cells should not exceed 2/10ths to maybe 3/10ths of the battery's mA rating, and teh voltage produced by the solar cells should be as close as possible to the total voltage of the battery or batteries. But I wanted to check whether that assumption is correct, becasue I think I'm getting closeto getting some parts and trying a couple of assemblies.

Thanks In Advance!

– Kris

There are a few suppliers that sell solar scavenger panels for charging vehicle batteries while parked outside the workplace, there are certainly car ones that sit on the dashboard and possibly permanent one's that can be bonded onto the roof, I believe there are also motorcycle types available.

If you make a home brew panel, don't forget you need a blocking rectifier to stop the battery discharging into the solar cell when there's no sunlight and the forward volt drop of the rectifier has to be taken into account when specifying the solar panel voltage.