

Battery power for the shed

I have no mains electric in my shed at the bottom of the garden, but last year I was given a big landrover battery, that wouldn't crank over the engine, but must still have plenty of life in it for lights , etc.

So, having added a 10 Watt Solar cell, and some strip led lighting, running off of an IR sensor, all is good.

Now , instead of running up and down the garden with a DMM to measure the battery voltage, I needed some easy visual indicator.

So , using an LM339 , quad comparator IC and a few components, after many hours of sweat and many reworks, to get the supply current to a minimum, I arrived at the circuit below.

It's working well , and I have some better LED's in the post , more light with less current ...

I can probably put a kit of parts together if anyone want's to build it !

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73

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