

Energy, Power, and Kilowatt-hours

Physics and Mathematics of Sustainable Energy

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1. You leave a 300W food dehydrator on for 9 hours. How much energy has this used? Answer in kWh.
2. A car battery stores 7 kWh. An interior car light draws around 5W. How long could the battery power the light?
3. A kWh is how many Joules. Don't look it up! It is possible to figure it out!!!