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Subject: Re: How to handle power outages  
Posted by [gofar99](#) on Thu, 13 Feb 2014 03:57:04 GMT  
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Hi, a potentially difficult situation. We are really unlikely to have the type of weather you are expecting (it is not something southern Arizona is noted for) but do get severe thunder storms and in summer the potential for brown outs. Most garden variety stuff like TVs I just don't worry about. For high value equipment I protect my stuff two ways. I use a Triplet voltage stabilizer that will adjust the voltage if it gets either too low or high. It has some surge protection built in as well. It feeds a custom surge protector EMI filter and equipment isolator. It clamps the surges, filters out most of the crud and isolates some of the equipment from other equipment (6 separate isolation banks). An available commercial device that does most of the same things is made by APC the "H" series 1000, 1500 devices that are designed for protecting AV gear. Last time I checked the 1000 (1KW load) was about \$225 and the 1500 (1.5KW load) was about \$75 more.

In your situation I would avoid if possible use on a portable generator. They are notorious for problems. I believe I would disconnect sensitive gear before the problem occurs and use either battery powered or cheap stuff for the duration. That would minimize your loss if it gets fried.

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