

# UNAVCO Resources: Power

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### Power Requirements

- [GNSS Receiver and Antenna Power Compatibilities](#)
- [Equipment Power Usage Testing](#)
- [Trimble NetRS - Power Draw Tests](#)
- [Power Draw Profile for a Trimble NetRS and Iridium System \(Polar\)](#)
- [Remote Station Power Analysis \(2007\)](#)
- [Calculations for Solar Arrays and Battery Backup](#)

### Power Protection

- [Surge and Lightning Protection](#)
- [Effects of Lightning Electromagnetic Pulse \(LEMP\) Protection on GPS Signals \(1997\)](#)
- [Digital Timers](#)
- [How to configure PowerAlert on Linux with the APC BackUPS Pro 280VA, and the PowerAlert executable](#)
- [How to configure PowerChutePlus on Linux with the APC BackUPS Pro 280VA, and the PowerChutePluse executable \(2002\)](#)
- [How to configure the Western Telematic NBB Series Boot Bar](#)

## Batteries

- [Deep-cycle Batteries](#)
- [SLA Battery Cold Performance Tests: Gel vs. AGM](#)

## Solar Power

- [How to assemble 60W three-piece solar panel sets](#)

## Wind Power

- [Summary Report on Forgen 500 Wind Turbine Performance \(2007\)](#)
- [Wind Power Testing at UNAVCO through 2005 \(summary\)](#)
- [Wind Power Testing at UNAVCO through 2005, Phase 1](#)
- [Wind Power Testing at UNAVCO through 2005, Phase 2](#)
- [Wind Power Testing at UNAVCO through 2005, Phase 3](#)
- [Wind Power for Remote DC Powered Stations \(2003\)](#)

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