# UNAVCO Resources: Power

524 Beth Bartel August 24, 2016 Power 4195

# UNAVCO Resources: Power







## 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)

Online URL: https://kb.unavco.org/article/unavco-resources-power-524.html