# Trimble NetR9 Power Draw Tests

**Scenario** | **Equipment Type** | **Enabled Features** | **Input Voltage** | **Input Amps** | **Watt**
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Batter thru back panel | NetR9 (GPS) | none | 15 | 0.204 | 3.40
| EdgeRouterX | | | | | |
| Bullet M2HP Titanium | RV50 | no sim | 15 | 0.062 | 1.10
| NetR9 (GPS) | | | | | |
| NetR9 (GPS) + EdgeRouterX | none | 15 | 0.392 | 6.00
| NetR9 (GPS) + EdgeRouterX + bullet | none | 15 | 0.540 | 8.20
| NetR9 (GPS) + bullet | none | 15 | 0.400 | 6.10
| NetR9 (GPS) streaming to computer | | | | 0.205 | 3.10
| NetR9 (GPS) + EdgeRouterX streaming to computer | | | | 0.312 | 5.00
| NetR9 (GPS) + bullet+ RV50 | NO SIM | 15 | 0.500 | 7.50
| NetR9 (GPS) + RV50 | NO SIM | 15 | 0.261 | 4.30
| PolaRx5 | GNSS | 15 | 0.234 | 3.50
| NetR9 | GNSS, RTX | 15 | 0.372 | 5.50
| NetR9 (GPS) slow charging int batt | | 15 | 0.204 | 3.60
| NetR9 (GPS) | GNSS | 15 | 0.372 | 4.50
| NetR9 | GLS | 15 | 0.270 | 3.70
| NetR9 | GLS, RTX | 15 | 0.301 | 4.10
| NetR9 | GLS, GAL, RTX | 15 | 0.301 | 4.50
| NetR9 | GNSS, RTX | 15 | 0.301 | 4.80
| NetR9 (GNSS) | slow charging int batt | 15 | 0.204 | 3.90

*NetR9 internal UPS should be configured to only charge internal battery when system voltage is 13+ volts.*

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*Posted by: [Jim Normandeau](https://kb.unavco.org/kb/article/trimble-netr9-power-draw-tests-870.html) - Thu, Jul 29, 2021 at 9:27 PM. This article has been viewed 146 times.*

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