

Trimble NetR9 power draw tests

870 Jim Normandeau September 22, 2021 [Power Test Reports, Trimble NetR9](#) 7129

| Senario | Equipment type | Enabled features | input voltage | input amps | watt |
|-------------------------|------------------------------------|------------------------|---------------|------------|------|
| Batter thru back pannel | | | | | |
| | NetR9 (GPS) | none | 15 | 0.204 | 3.40 |
| | EdgeRouter X | | | | |
| | Bullet M2HP Titanium | | | | |
| | RV50 | no sim | 15 | 0.062 | 1.10 |
| | | | | | |
| | 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) | sreaming to computer | 15 | 0.205 | 3.10 |
| | NetR9 (GPS) + EdgeRouterX | sreaming to computer | 15 | 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 | 8.60 |
| | | | | | |
| | | | | | |
| | NetR9 | 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 | 9.50 |

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

Online URL: <https://kb.unavco.org/article/trimble-netr9-power-draw-tests-870.html>