

# RUT361 Power Consumption

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RUT361 power consumption values in different states of operation are represented in the tables below:

| Test type                         | Current (mA) | Power consumption (W) |
|-----------------------------------|--------------|-----------------------|
| Idle, no SIM card inserted (9 V)  | 126          | 1.13                  |
| Idle, no SIM card inserted (12 V) | 96           | 1.15                  |
| Idle, no SIM card inserted (24 V) | 54           | 1.3                   |

| Test type                                 | Current (mA) | Power consumption (W) |
|---|--------------|-----------------------|
| Idle + mobile data on <sup>1</sup> (9 V)  | 147          | 1.32                  |
| Idle + mobile data on <sup>1</sup> (12 V) | 125          | 1.5                   |
| Idle + mobile data on <sup>1</sup> (24 V) | 64           | 1.54                  |

| Test type  | Current (mA) | Power consumption (W) |
|--|--------------|-----------------------|
| Mobile data on <sup>1</sup> + 1 LAN device connected <sup>2</sup> (9 V)  | 197          | 1.77                  |
| Mobile data on <sup>1</sup> + 1 LAN device connected <sup>2</sup> (12 V) | 148          | 1.78                  |
| Mobile data on <sup>1</sup> + 1 LAN device connected <sup>2</sup> (24 V) | 79           | 1.9                   |

| Test type  | Current (mA) | Power consumption (W) |
|--|--------------|-----------------------|
| 2 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + max speed LTE transmission + data transfer via WiFi (9 V)  | 423          | 3.81                  |
| 2 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + max speed LTE transmission + data transfer via WiFi (12 V) | 318          | 3.82                  |
| 2 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + max speed LTE transmission + data transfer via WiFi (24 V) | 169          | 4.06                  |

<sup>1</sup> - Only mobile data connection established with no additional traffic.

<sup>2</sup> - Data streams between RUT360 and other connected LAN devices created using iPerf.

<sup>3</sup> - Load created using *md5sum* (calculation and verification of 128-bit MD5 hashes).

Power consumption may differ due to mobile data transmission speed, testing environment and conditions.