RUT360 Power Consumption

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[RUT360](#) 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)	**159**	**1.43**
Idle, no SIM card inserted (12 V)	**118**	**1.42**
Idle, no SIM card inserted (24 V)	**65**	**1.56**

Test type	Current (mA)	Power consumption (W)
Idle + mobile data on [1] (9 V)	**163**	**1.47**
Idle + mobile data on [1] (12 V)	**122**	**1.46**
Idle + mobile data on [1] (24 V)	**72**	**1.72**

Test type	Current (mA)	Power consumption (W)
Mobile data on [1] + 1 LAN device connected [2] (9 V)	**210**	**1.89**
Mobile data on [1] + 1 LAN device connected [2] (12 V)	**158**	**1.93**
Mobile data on [1] + 1 LAN device connected [2] (24 V)	**91**	**2.18**

Test type	Current (mA)	Power consumption (W)
2 LAN devices connected [2] + high CPU load [3] + max speed LTE transmission + data transfer via WiFi (9 V)	**532**	**4.79**
2 LAN devices connected [2] + high CPU load [3] + max speed LTE transmission + data transfer via WiFi (12 V)	**399**	**4.79**
2 LAN devices connected [2] + high CPU load [3] + max speed LTE transmission + data transfer via WiFi (24 V)	**216**	**5.18**

[1] - Only mobile data connection established with no additional traffic.

[2] - Data streams between RUT360 and other connected LAN devices created using iPerf.

[3] - 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.