

# RUT850 Power Consumption

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**Averaged RUT850** power consumption values in different states of operation are represented in the table(s) below:

Test type	Current (mA)	Power consumption (W)
No SIM card inserted + GPS turned off + no device connected via WiFi + LED indication turned off (9 V)	113	1.20
No SIM card inserted + GPS turned off + no device connected via WiFi + LED indication turned off (12 V)	106	1.27
No SIM card inserted + GPS turned off + no device connected via WiFi + LED indication turned off (24 V)	53	1.27

Test type	Current (mA)	Power consumption (W)
Mobile data on <sup>1</sup> + GPS on + no device connected via WiFi + LED indication turned off (9 V)	210	1.89
Mobile data on <sup>1</sup> + GPS on + no device connected via WiFi + LED indication turned off (12 V)	159	1.91
Mobile data on <sup>1</sup> + GPS on + no device connected via WiFi + LED indication turned off (24 V)	81	1.94

Test type	Current (mA)	Power consumption (W)
<a href="#">Sleep mode</a> (9 V)	21	0.19
<a href="#">Sleep mode</a> (12 V)	16	0.19
<a href="#">Sleep mode</a> (24 V)	9	0.22

Test type	Current (mA)	Power consumption (W)
GPS on + 1 device connected via WiFi + max speed LTE transmission + LED indication turned on (9 V)	740	6.67
GPS on + 1 device connected via WiFi + max speed LTE transmission + LED indication turned on (12 V)	570	6.84
GPS on + 1 device connected via WiFi + max speed LTE transmission + LED indication turned on (24 V)	288	6.91

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

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