TRB143 Power Consumption

 $\underline{\text{Main Page}} > \underline{\text{TRB Gateways}} > \underline{\text{TRB143}} > \underline{\text{TRB143 Manual}} > \mathbf{TRB143 \ Power \ Consumption}$

TRB143 power consumption values in different states of operation are represented in the table(s) below:

Idle, no SIM card inserted (9 V) Idle, no SIM card inserted (12 V) Idle, no SIM card inserted (24 V)	Test type	Current (mA) 94 97 68	Power consumption (W) 0.85 1.16 1.63
Idle + mobile data on ¹ (9 V) Idle + mobile data on ¹ (12 V) Idle + mobile data on ¹ (24 V)	Test type	Current (mA) 99 112 74	Power consumption (W) 0.89 1.34 1.78
Mobile data on 1 + 1 LAN device connected 2 (9 V) Mobile data on 1 + 1 LAN device connected 2 (12 V) Mobile data on 1 + 1 LAN device connected 2 (24 V)	Test type	Current (mA) 152 135 103	Power consumption (W) 1.37 1.62 2.47
Test type Max speed LTE transmission + 1 LAN device connected ² + high CPU load ³ + 6 M-Bus temperature and humidity		Current (mA)	Power consumption (W)
sensors connected (with Data to Server enabled) (9V)		551	4.96
Max speed LTE transmission $+$ 1 LAN device connected 2 $+$ high CPU load 3 $+$ 6 M-Bus temperature and humidity sensors connected (with Data to Server enabled) (12 V)		445	5.34
Max speed LTE transmission $+$ 1 LAN device connected 2 $+$ high CPU load 3 $+$ 6 M-Bus temperature and humidity sensors connected (with Data to Server enabled) (24 V)		289	6.97

 $^{^{\}scriptscriptstyle 1}$ - Only mobile data connection established with no additional traffic.

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

 $^{^{\}mbox{\tiny 2}}$ - Data streams between TRB143 and other connected LAN devices created using iPerf.

 $^{^{3}}$ - Load created using md5sum (calculation and verification of 128-bit MD5 hashes).