

TSW101 Power Consumption

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[TSW101](#) power consumption values in different states of operation are represented in the table(s) below:

Test type	Current (mA)	Power consumption (W)
Idle (9 V)	26	0.31
Idle (12 V)	20	0.48
Idle (24 V)	15	0.64

Test type	Current (mA)	Power consumption (W)
5 LAN devices connected + heavy data traffic ¹ (9 V)	148	1.82
5 LAN devices connected + heavy data traffic ¹ (12 V)	82	1.93
5 LAN devices connected + heavy data traffic ¹ (24 V)	52	2.31

Test type	Current (mA)	Power consumption (W)
1 LAN and 4 PoE devices ² (RUTX08, RUTX10, RUTX11, RUTX12) connected + heavy data traffic ¹ (12 V)	388	19.40
1 LAN and 4 PoE devices ² (RUTX08, RUTX10, RUTX11, RUTX12) connected + heavy data traffic ¹ (24 V)	343	19.55

Test type	Current (mA)	Power consumption (W)
4 PoE dummy loads connected (15 W each) (24 V)	2515	60.36

¹ - Data streams between devices were created using iPerf.

² - RUTX08, RUTX10, RUTX11 and RUTX12 support [Passive PoE](#) and for this test were powered using PoE converters. Power consumption may differ due to connected devices, testing environment and conditions.