TSW040 Power Consumption

[Main Page](#) > [TSW Switches](#) > [TSW040](#) > [TSW040 Manual](#) > **TSW040 Power Consumption**

TSW040 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)	27	0.24
Idle (12 V)	22	0.26
Idle (24 V)	13	0.31
Idle (44 V)	18	0.79
Idle (54 V)	17	0.92
Idle (57 V)	17	0.97

Test type	Current (mA)	Power consumption (W)
2 LAN devices connected + heavy data traffic[1] (9 V)	50	0.45
2 LAN devices connected + heavy data traffic[1] (12 V)	39	0.47
2 LAN devices connected + heavy data traffic[1] (24 V)	22	0.53
2 LAN devices connected + heavy data traffic[1] (44 V)	23	1.01
2 LAN devices connected + heavy data traffic[1] (54 V)	21	1.13
2 LAN devices connected + heavy data traffic[1] (57 V)	21	1.2

Test type	Current (mA)	Power consumption (W)
8 LAN devices connected + heavy data traffic[1] (9 V)	113	1.02
8 LAN devices connected + heavy data traffic[1] (12 V)	87	1.04
8 LAN devices connected + heavy data traffic[1] (24 V)	47	1.13
8 LAN devices connected + heavy data traffic[1] (44 V)	38	1.67
8 LAN devices connected + heavy data traffic[1] (54 V)	33	1.78
8 LAN devices connected + heavy data traffic[1] (57 V)	33	1.88

Test type	Current (mA)	Power consumption (W)
Max load[2] (54 V)	2485	134.19

[1] - Data streams between devices were created using iPerf.
[2] - 4 PoE devices 2 (RUTX08, RUTX09, RUTX10, RUTX11) connected + heavy data traffic, 4 PoE dummy loads connected (30 W each).
Power consumption may differ due to connected devices, testing environment and conditions.