

TSW100 Power Consumption

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[TSW100](#) power consumption values in different states of operation are represented in the table(s) below:

Test type	Current (mA)	Power consumption (W)
Idle (12 V)	26	0.31
Idle (24 V)	20	0.48
Idle (44 V)	15	0.64
Idle (50 V)	14	0.70
Idle (57 V)	13	0.77

Test type	Current (mA)	Power consumption (W)
5 LAN devices connected + heavy data traffic ¹ (12 V)	148	1.82
5 LAN devices connected + heavy data traffic ¹ (24 V)	82	1.93
5 LAN devices connected + heavy data traffic ¹ (44 V)	52	2.31
5 LAN devices connected + heavy data traffic ¹ (50 V)	48	2.40
5 LAN devices connected + heavy data traffic ¹ (57 V)	44	2.50

Test type	Current (mA)	Power consumption (W)
4 PoE devices connected + heavy data traffic ¹ (44 V)	444	19.54
4 PoE devices connected + heavy data traffic ¹ (50 V)	388	19.40
4 PoE devices connected + heavy data traffic ¹ (57 V)	343	19.55

Test type	Current (mA)	Power consumption (W)
4 PoE dummy loads connected (30 W each) (44 V)	1789	78.72
4 PoE dummy loads connected (30 W each) (50 V)	2050	102.50
4 PoE dummy loads connected (30 W each) (57 V)	2344	133.61

¹ - Data streams between devices were created using iPerf.

Power consumption may differ due to connected devices, testing environment and conditions.