

Grandstream Networks, Inc.

GWN78xx Series - Power Consumption Information



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This document is a technical bulletin describing power consumption details for GWN78xx switches while idle (without any connections or devices), at 100% traffic, and at maximum power (100% traffic with all PoE power used).

AC Power Consumption

Please refer to the following table:

Model	90 V AC Input		
	IdleWithout any connections	100% Traffic	Maximum Power100% traffic with all PoE power used
GWN7801	3.45W	8.94W	Not applicable
GWN7801P	3.34W	8.72W	143.48W
GWN7802	4.75W	16.00W	Not applicable
GWN7802P	10.59W	23.43W	285.25W
GWN7803	5.81W	20.6W	Not applicable
GWN7803P	12.48W	29.45W	433.96W
GWN7811	5.71W	15.88W	Not applicable
GWN7811P	7.60W	20.20W	154.2W
GWN7812P	10.80W	28.30W	296.6W
GWN7813	7.88W	26.13W	Not applicable
GWN7813P	14.90W	36.00W	438.6W
GWN7806	16.73W	52.38W	Not applicable
GWN7806P	24.90W	62.48W	471.08W
GWN7816	16.92W	51.98W	Not applicable
GWN7816P	26.35W	67.05W	864.03W
GWN7821P	9.21W	24.82W	263.83W
GWN7822P	16.81W	40.45W	448.86W
GWN7823P	16.67W	39.41W	407.77W
GWN7830	6.73W	20.51W	Not applicable
GWN7831	15.31W	38.96W	Not applicable
GWN7832	11.69W	35.98W	Not applicable
GWN7801P Pro	4.1W	9.45W	145.9W
GWN7802P Pro	6.87W	21.84W	294.4W
GWN7803 Pro	5.36W	21.39W	Not applicable
GWN7803PL Pro	8.71W	27.49W	299.2W
GWN7803PH Pro	11.55W	30.51W	471.40W
GWN7806PL Pro	23.78W	65.41W	509.3W
GWN7806PH Pro	23.64W	68.01W	870.9W

Test Condition

All power consumption numbers were measured under controlled laboratory conditions and are provided as estimates.
