



Grandstream Networks, Inc.

GWN78xx Series

Power Consumption Information



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

AC Power Consumption

Please refer to the following table:

Model	90V AC INPUT		
	Idle <i>(Without any connections)</i>	100% Traffic	MAX Power <i>(100% traffic + All PoE power used)</i>
GWN7801	3.45W	8.94W	-
GWN7801P	3.97W	9.41W	144.75W
GWN7802	4.75W	16W	-
GWN7802P	5.07W	16.9W	287.5W
GWN7803	5.81W	20.6W	-
GWN7803P	6.58W	22.3W	430.9W
GWN7811	5.71W	12.89W	-
GWN7811P	9.17W	16.89W	150.89W
GWN7812P	9.66W	28.03W	298.63W
GWN7813	7.88W	26.13W	-
GWN7813P	13.99W	33.90W	442.5W
GWN7806	16.73W	52.38W	-
GWN7806P	24.90W	62.48W	471.08W
GWN7816	16.92W	51.98W	-
GWN7816P	26.35W	67.05W	864.03W

AC Power Dissipation and Advertisement

Test Condition

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