

# Grandstream Networks, Inc.

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GXW45XX Series

Digital VoIP Gateway

Technical Bulletin - Power Consumption



## DOCUMENT PURPOSE

This document is a technical bulletin describing power consumption details for GXW45XX Series.

GXW45XX Digital VoIP Gateway series can be powered via Universal power supply Input: 100 ~ 240VAC, 50/60Hz; Output: DC+12V, 2A

## TEST CONDITION TERMINOLOGY

The following test condition terminology was used in table 1.

### 1. Starting up State:

The GXW45XX has completed the boot-up process and idle.

### 2. Work normal State:

4x E1 ports working simultaneously, each E1 port calls 30 lines at the same time, total of 120 lines.

### 3. Maximum working state:

4x E1 ports working simultaneously + USB (1000mA), each E1 port calls 30 lines at the same time, total of 120 lines.

## POWER CONSUMPTION

Table 1: Power consumption

Item	Model	Power Adapter(12VDC)		
		Idle State	Work State	Power Not to Exceed
		Power(W)	Power(W)	Power(W)
1	GXW4501	11.71	14.49	19.44
2	GXW4502	11.71	14.55	20.19
3	GXW4504	11.71	15.81	21.78

