



Grandstream Networks, Inc.

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UC300 IPPBX Series

Technical Bulletin - Power Consumption





## DOCUMENT PURPOSE

This document is a technical bulletin describing power consumption details for UC300 IPPBX Series.

UC300 IPPBX series can be powered via universal power supply: Input AC 100-240VAC 50/60Hz; Output 12VDC, 1.5A

## TEST CONDITION TERMINOLOGY

The following test condition terminology was used in table 1.

- **Idle State**
  - The IPPBX has completed the boot-up process.
  - The SIP application is running PCMA codec with SRTP.
  - No call state established or incoming ring.
- **Work State**
  - Connecting all the hardware interfaces
  - The maximum number of calls are established for each Unit Under Test (UUT).
    - USB port loaded at 1A.
- **Power Not Exceed**
  - The maximum value that has occurred in work state

## Power Dissipation

Table 1: Power Dissipation and Advertisement

Product	Power Adapter(12VDC)			
	Idle State	Work State	Power Not to Exceed	
	Power (w)	Power (w)	FXS Port Loaded	Power (w)
UC300-A11EM1	3.12	6.24	America	6.36
UC300-A14EM1	3.36	6.36	America	6.48
UC300-A02EM1	2.76	4.92	America	5.16