

SIP Guest Room Phones Power Consumption Technical Note

Power Consumption Requirements for VTech Hospitality SIP Phones

CTM-S2415/CTM-S2425 1-Line and 2-Line SIP Cordless Phone

A PoE class spectrum of Class 2

- Minimum Power: Phone in an idol state: **Power consumption = 2.36W (49.2mA)**
 - Call State: Phone in an active call hands free mode (speaker phone): **Power consumption = 2.59W (54mA)**
 - Maximum Power: Base of phone is in ringing state at maximum volume: **Power consumption =2.59W (54mA)**
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CTM-S2315 1-Line SIP Phone

A PoE class spectrum of Class 2

- Minimum Power: Phone in an idol state: **Power consumption = 2.28W (47.5mA)**
 - Call State: Phone in an active call hands free mode (speaker phone): **Power consumption = 2.49W (52mA)**
 - Maximum Power: Base of phone is in ringing state at maximum volume: **Power consumption =2.49W (51.9mA)**
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CTM-S2115/CTM-S2125 SIP 1-Line/2-Line Hidden Base with 1 Cordless Handset and Charger

A PoE class spectrum of Class 2

- Minimum Power: Phone in an idol state: **Power consumption = 2.36W (49.2mA)**
 - Call State: Cordless handset on the call, Base cradle no charging: **Power consumption = 2.8W (58.4mA)**
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S2211-L/S2221-L & S2211/S2221 Petite Corded 1 and 2 Line Model Phones

A PoE class spectrum of Class 2

- Minimum Power: Phone in an Idol State, with no PC or Laptop connected in the data port and no device on charge in USB port: **Power consumption = 1.5W (29.2mA)**
 - Call State: Phone in an active call hands free mode (Speaker Phone), with a PC or Laptop connected to the data port, but not device on charge in USB port: **Power consumption = 1.9W (38.0mA)**
 - Maximum Power: Base of phone is in ringing state at maximum volume, with a PC or Laptop connected to the data port and a device is on charge in the USB port: **Power consumption = 5.9W (119mA)**
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S2210-L/S2220-L & S2210/S2220 Corded 1 and 2 Line Model Phones

A PoE class spectrum of Class 2

- Minimum Power: Phone in an Idol State, with no PC or Laptop connected in the data port and no device on charge in USB port: **Power consumption = 1.4W (28.5mA)**
- Call State: Phone in an active call hands free mode (Speaker Phone), with a PC or Laptop connected to the data port, but not device on charge in USB port: **Power consumption = 2.1W (43.6mA)**
- Maximum Power: Base of phone is in ringing state at maximum volume, with a PC or Laptop connected to the data port and a device is on charge in the USB port: **Power consumption = 5.6W (114mA)**

Power Consumption Requirements for VTech Hospitality SIP Phones

CTM-S2411/CTM-S2421 & S2410/S2420 Cordless 1 and 2 Line Model Phones

- Minimum Power: Phone in an Idle State, with no PC or Laptop connected in the data port and no device on charge in USB port: **Power consumption = 1.5W (30.5mA)**
 - Call State: Phone in an active call hands free mode (speaker phone), with a PC or Laptop connected to the data port, but not device on charge in USB port: **Power consumption = 2.1W (42.3mA)**
 - Maximum Power: Base of phone is in ringing state at maximum volume, with a PC or Laptop connected to the data port and a device is on charge in the USB port: **Power consumption = 6.2W (126mA)**
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CTM-S2310/CTM-S2320 1-Line & 2-Line SIP TrimStyle Cordless Accessory

- Minimum Power: No handset in charger: **Power consumption = 0.6W (11.7mA)**
 - Call State: Device in an active call hands free mode (speaker phone) low volume: **Power consumption = 1.2W (22.6mA)**
 - Maximum Power: Device in an active call hands free mode (speaker phone) maximum volume: **Power consumption = 1.7W (34.2mA)**
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LS-S3410 and LS-S3420 1-Line and 2-Line Color SIP Cordless Phone

A PoE class spectrum of Class 2

- Minimum Power: Phone in an idle state, with no PC or Laptop connected in the data port and no device on charge in USB port: **Power consumption = 1.71W (35.7mA)**
 - Call State: Phone in an active call hands free mode (speaker phone), with a PC or Laptop connected to the data port, but not device on charge in USB port: **Power consumption = 1.86W(38.7mA)**
 - Maximum Power (w/o USB load): Base of phone is in ringing state at maximum volume, with a PC or Laptop connected to the data port and No load is connected at USB port **Power consumption =1.95W (40.7mA)**
 - Maximum Power (w/ USB load): Base of phone is in ringing state at maximum volume, with a PC or Laptop connected to the data port and 500mA DC load is connected at USB port **Power consumption =4.84W (101mA)**
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C4300 PoE Charger for Cordless Hand Sets (241HS/S242HS)

- Minimum Power: **Power consumption = 0.6W (10.5mA)**
- Call State: Handset cannot be off hook while sitting on charging base – No additional power consumption to minimum power
- Maximum Power: Hand set is being charged on the cradle with the battery shorted to 0V, draining maximum current from the charger: **Power consumption = 1.6W (30.8mA)**