

Grandstream Networks, Inc.

DP7xx

Power Consumption



DP7xx - Power Consumption

POWER DISSIPATION

Product	Power Adapter (5.12VDC)			PoE (46.9VDC)			Class Advertisement (IEEE 802.3af)
	Idle State (W)	Work State (W)	Power Not to Exceed (W)	Idle State (W)	Work State (W)	Power Not to Exceed (W)	
DP750	0.791	0.8967	1.1472	1.308	1.4521	1.8147	1
DP720	0.0069	0.094	0.598	N/A	N/A	N/A	N/A
DP730/D P735	0.009	0.181	1.418	N/A	N/A	N/A	N/A
DP722/D P725	0.0067	0.094	0.614	N/A	N/A	N/A	N/A
DP752	0.728	0.845	1.321	1.271	1.455	2.117	1
DP755	0.696	0.842	1.468	1.309	1.402	2.134	1

Power Dissipation and Advertisement

PD POWER CLASSIFICATION

Class	Usage	Max Power Range used by the PD (phone)
0	Default	0.44 to 12.95W
1	Optional	0.44 to 3.84W
2	Optional	3.84 to 6.49W
3	Optional	6.49 to 12.95W
4	Not Allowed	Reserved for future use (for example: IEEE802.3AF)

PD Power Classification (IEEE 802.3af)

TEST CONDITION TERMINOLOGY

The following test condition terminology was used in Table 1.

Idle State

DECT Base Station:

- The base has boot-up, and with one registered handset in idle state.
- Connect to the LAN network.
- There was no call state established.

DECT Handset:

- Keep the screen dark.
- Register to Base Station and keep connected

Work State

DECT Base Station:

- The base running IP call with one handset registered.
- The handset set the maximum volume during the IP call.

DECT Handset:

- Keep the screen dark and run IP call.
- The handset set the maximum volume during the IP call.

Power Not Exceed

DECT Base Station:

- All handsets are registered to the Base ,and maximum quantity of handsets were running lines IP call at same time as spec suggested.
- The handsets set the maximum volume during IP call.

DECT Handset:

- Ringing with maximum volume.
- LCD backlight at maximum illuminate
- Vibrator working.

Need Support?

Can't find the answer you're looking for? Don't worry we're here to help!

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