

Product Sheet
Cordless and Mobile Telephones



Scope

All phones using cordless transmission (DECT, GSM and other cordless systems) and a base station or charger for battery charging with or without integrated answering machine. The charger and the battery are the standard types delivered with the equipment. The product as sold to the customer should be able to operate on mains voltage (230 Vac). This includes e.g. portable equipment that is sold with an external power supply.

Criteria

Cordless and mobile telephones are eligible for the GEEA Label if the following criteria are met:

Category	Criteria	Criteria valid till*
Phones without answering machine integrated in a base station	The power consumption in the standby mode with no incoming or outgoing call is 1 W or less.	31.12.2003
Phones with answering machine integrated in a base station	The power consumption in the standby mode with no incoming or outgoing call is 5 W or less.	31.12.2003

Compliance with the Energy Star MoU

The compliance with Energy Star (only for cordless telephones, answering machines and combinations hereof) can be indicated as follows (X = compliance):

Mode	Definition	Test Method	Criteria
Standby	X	X	

Definitions and Test Method

Definition Standby Mode

Standby mode	Operating mode in which the base station or charger is connected to the mains; the telephone is connected to the base station or charger and is switched on; the charging cycle is completed and there is no incoming or outgoing call.
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Test Method Standby Mode

To measure standby mode power consumption the following steps have to be carried out:

1. The measurement conditions are equal to the GEEA measurement conditions for the standby mode for battery chargers described in the battery charger product sheet.
2. Connect the base station or charger to the mains with the telephone plugged in and switched on and ensure that the charging is completed and no call is coming in or going out.
3. Measure energy consumption in this standby mode with a calibrated energymeter (watt-hour meter) over at least one (1) hour. Divide the measured energy consumption by the time period over which it was measured and the result is the average power consumption in watts.
4. State the result in watts rounded off to the first digit after the decimal point.