

Product Sheet, GEEA Criteria 2007

Cordless and Mobile Telephones



Scope

All telephones 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 V AC). This includes portable equipment that is sold with an external power supply.

Criteria

Cordless- and mobile telephones comply with GEEA criteria if the following criteria are met:

Category	Criteria	Basis for criteria
All cordless- and mobile telephones	The power consumption in no-load mode (external power supply) must apply the criteria defined in EU Code of Conduct.*	EU CoC
	The power consumption in the standby mode is 1 W** or less.	GEEA

* EU Code of Conduct on Energy Efficiency of External Power Supplies - Version 2, 24 November 2004

** With or without answering machine

Definition

Term	Definition
Load	The equipment is connected to the mains and performing its main function (i.e. supply power or charging rechargeable batteries).
No-load	The mode in which the equipment is connected to the mains and the load is disconnected from the equipment (i.e. external product turned off or fully recharged batteries).

Test Method

Measurements should be carried out according to the method specified in the "Test Method for Calculating the Energy Efficiency of Single Voltage External Ac-Dc and Ac-Ac Power Supplies (August 13, 2004)", issued by US EPA.

Basis for criteria

EU CoC: EU Code of Conduct on Energy Efficiency of External Power Supplies - Version 2, 24 November 2004.