

Scope

All types of *WallPacks* may apply for the *GEEA Label*. However, the wallpack should be sold as a separate product, i.e. not as part of an appliance, e.g. audio-appliance.

In the case the wallpack is sold as part of an appliance, the criteria for that appliances should be met.

Criteria

A wallpack is eligible for the GEEA-Label if the following criteria are met:

Category	Criteria	Criteria valid till*
WallPack	The power consumption in no-load mode is 0.5W or less.	31.12.2003

*See Rules of Registration Procedure

Definitions

Term	Definition
<i>Load</i>	The device which is connected to the <i>Wall Pack</i> and to which the <i>Wall Pack</i> supplies power.
<i>No-load</i>	The mode in which the <i>Wall Pack</i> is connected to the mains and the load is disconnected from the <i>WallPack</i> .

Test method

1. Testing requirements

1.1 Testing area

Measurements are to be carried out in a testing area that is free of draughts and has ambient temperature of $22^{\circ}\text{C} \pm 4^{\circ}\text{C}$. All components of the device to be measured must be at room temperature.

For measurement purpose, the device must be placed on a level surface at a distance of at least 50cm from each wall or obstacle.

1.2 Measuring device

For measuring the effective power consumption, a measuring device must be used that:

- automatically calculates the average power consumption during a time interval; or
- carries out a time measurement parallel to the energy measurement, from which it is possible to numerically calculate the average power consumption.

The maximum permissible relative measurement error for both the power consumption and the energy consumption is 5%.

1.3 Main voltage and frequency

The device to be measured must be operated on a main supply at rated voltage [V_{AC}] and rated frequency [Hz]. The permissible deviation is $\pm 2\%$ for the supply voltage and the mains frequency. The alternating current must be a sinus wave with harmonic distortion not exceeding 5%.

2. Testing procedure

The *WallPack*, as shipped by the manufacturer, is connected to the mains, without any load connected. Measure the power consumption of the *WallPack* 15 minutes after the *Wall Pack* has been connected to the mains. The measuring time should be sufficiently long to measure the correct average power consumption value. The power consumption is to be indicated in Watts [W], rounded to the second digit after the decimal point.