

## Product Sheet Copiers



### Scope

Analogue and digital copiers for normal paper. The copier is equipped with a transparent copying surface. The models concerned must be available through the trade in Europe in the same configuration as indicated in the registration. The product as sold to the customer should be able to operate on mains voltage (230 Vac). This includes portable equipment that is sold with an external power supply.

### Criteria

Copiers are eligible for the GEEA Label if the following criteria are met:

Category	Criteria	Criteria valid till*															
Standard sized copiers (up to and including oversize A3)	The power consumption in the <b>manual off mode</b> is less than or equal to 1 W.	31.12.2005															
	The power consumption in the <b>auto-off mode</b> and the <b>default delay time auto-off</b> are less than or equal to the values listed below:	31.12.2005															
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Copy speed in copies per minute (cpm)</th> <th>Power consumption</th> <th>Delay time auto-off</th> </tr> </thead> <tbody> <tr> <td>0 &lt; cpm ≤ 20</td> <td>1 W</td> <td>30 minutes</td> </tr> <tr> <td>20 &lt; cpm ≤ 44</td> <td>5 W</td> <td>60 minutes</td> </tr> <tr> <td>cpm &gt; 44</td> <td>10 W</td> <td>90 minutes</td> </tr> </tbody> </table>	Copy speed in copies per minute (cpm)	Power consumption	Delay time auto-off	0 < cpm ≤ 20	1 W	30 minutes	20 < cpm ≤ 44	5 W	60 minutes	cpm > 44	10 W	90 minutes				
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The power consumption in the <b>low-power mode</b> , the <b>default delay time low-power</b> and the <b>recovery time</b> for operational mode are less than or equal to the values listed below:	31.12.2005																
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Large format copiers (larger than oversize A3)	The power consumption in the <b>auto-off mode</b> and the <b>default delay time auto-off</b> are less than or equal to the values listed below:	31.12.2005															
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	If <b>duplex copying</b> is available, it should be enabled as default.	31.12.2005															
All copiers	The <b>maximum delay time auto-off</b> and the <b>maximum delay time low-power (total time for both periods) possible to adjust</b> cannot exceed 4 hours. The default values prior to shipping are only allowed to change up to this maximum on explicit customers demand.	31.12.2005															

\* See Rules of Registration Procedure

\*\* Recommended

### Compliance with the Energy Star MoU

The compliance with Energy Star can be indicated as follows (X = full compliance; x = partly compliance):

Mode	Definition	Test Method	Criteria
Manual off		Not defined for Energy Star	
Auto-off	X	X	
Low-power	X	X	

Group for Energy Efficient Appliances



## Definitions and Test Method

Definitions and test methods for the auto-off mode and the low-power mode are equal to current Energy Star definition and test method. Additional definitions are:

The manual off mode is defined as the mode, where the user has manually switched off the product by using a switch on the product or via the network.

The recovery time is defined as the maximum time needed for the product to go from the low power mode to the on mode i.e. the mode where the product is ready for copying. Recovery time should be measured at the end of the defined low power mode just before the machine goes into the auto-off mode at test conditions which are defined in the Energy Star Memorandum of Understanding.