Akustikbereich

Geräuschpegel

Gemäß UZ 2	Deklarierter Schallleistungspegel, dB(A)[1]
Produkt	Schwarzweißdruck
Lexmark MS823dn, M5265	7

1 L_{WAd} gemessen gemäß DE-UZ 219 (Ausgabe Januar 2021) Die Werte unterscheiden sich möglicherweise vom deklarierten Schallleistungspegel gemäß ISO 7779 und ISO 9296.2.

Blue Angel Information

Lexmark MS823dn, M5265

File this information with the product documentation for future reference. This information is being supplied based on the requirements of the Blue Angel award as indicated on the Blue Angel award website www.blauer-engel.de (DE-UZ 219).

Congratulations on the purchase of a Lexmark product with the Blue Angel Award. This product has been tested against strict emissions and noise standards. The construction of the product allows easy disassembly and recycling when its useful life is complete. Upon return of this product to the recycling center, the components are recycled in an environmentally responsible manner, and reusable material is returned to the production cycle. The address for the recycle center where you may return the product either personally or by mail can be located on the Internet at www.lexmark.de.

Store print cartridges out of the reach of children. Remember to keep all supply items away from children. The print cartridges, shipped with the product, have been sealed as a precaution to prevent toner dust from escaping. Take care not to inhale the toner dust and avoid toner contact with the skin. If your skin does come in contact with toner, wash with soap and cold water. Never open the print cartridges by force. Personnel installing, cleaning, disposing, or performing maintenance of print cartridges should refer to the printer or print cartridge documentation before performing such tasks. Normal usage requires removal of a print cartridge on the following occasions: at initial product installation to remove the print cartridge's protective packaging, at a Toner Low message to gently shake the cartridge if specified in the *User's Guide*, at the end of the cartridge life to replace it and if necessary, during life to clear a paper jam.

See the printer packaging for information on the yield of the print cartridge shipped with this product.The supplies items are recycled in an environmentally responsible manner. The photoconductive drums that cannot be renewed are forwarded to an aluminum recycler. When ordering the next Lexmark print supply item, the box the item is shipped in can be used as a mailer to return the used item to Lexmark free of charge. For additional information, see your supply item documentation or www.lexmark.de.

The substance emission requirements of Blue Angel were tested and met by using the print supplies items supplied and recommended by the manufacturer. Because new electronic products generally emit volatile chemicals into the air, ensure there is a sufficient air exchange in rooms where the new product is set up during the first days of use of the product.

Spare parts and print cartridges are available for at least 5 years after production of this product.

In addition to the 1-year warranty supplied with the product, a warranty extension of up to 5 years may be purchased. Memory expansion or upgrades may also be purchased. Locate more details on the Internet at www.lexmark.de.

The product includes a duplex unit, allowing pages to be printed on both sides of the paper resulting in cost savings. The product also contains N-up printing settings in the software.

This product contains a battery that is not user replaceable.

The product is suitable for the use of recycled paper according to DIN 19309, respective to the European standard EN12281:2002. As with any paper, we recommend printing several samples on the type of paper being considered before buying large quantities.

Share of post-consumer recycled plastics is 5529 grams (59%).

For more information on the Blue Angel program, visit www.blauer-engel.de.

Energy data for the Lexmark MS823dn, M5265

According to DE-UZ 219 (Edition January 2021)

General Information on energy, power, and the units of Watts and kilowatt hours

Energy

Energy is the capacity to do physical work. Energy is needed, for example, to heat water, to power a lamp, or to print a sheet of paper. Energy is needed for this product to operate.

Energy has several common units, including Joules and BTU/Hour, but the most common unit is the kilowatt-hour (kwh).

Power

Power is the energy transferred per unit of time. The common unit of power is a Watt.

Conversion between different units

The following are standard conversions between the units of energy and power:

1000 Watts = 1 kilowatt

1 kilowatt-hour = 1 kilowatt x 1 hour = 1000 Watts x 1 hour

Energy consumption of a device = the power consumption of the device x the time over which the device consumes this power.

Specific power consumption information on the Lexmark MS823dn, M5265

The amount of electricity a device consumes depends as much on its properties as much as it does the way you use it. The device is designed, configured, and preset in a way to allow the user to reduce energy consumption. The device immediately switches to a low power Ready mode after every print job. In this low power Ready mode, the device can immediately respond to print jobs. If no print jobs occur after 5 (5...5) minutes, the device switches to an energy saving mode. In the Energy Saving modes, the device can respond with negligible delay to print jobs. This device meets the stringent requirements of the Blue Angel Eco Label in default timeout and recovery time. Please see www.blauer-engel.de for more information.

If the user reduces an activation time then the device switches to an electric power saving mode faster and the user saves electricity costs.

If the user, however, wants to extend an activation time or even deactivate an electric power saving mode he should keep the following in mind: the device will switch into an electric power saving mode later or not at all. Hence, it stays in a mode with increased power consumption for a longer period of time and, therefore, consumes more electric power. Moreover, the device then possibly might no longer meet the maximum value for electric power consumption of the Blue Angel. The manufacturer recommends not to extend activation times.

The product is designed with a power switch located on the front of the printer. The power switch is accessible to the user even when paper handling options, paper trays, a duplex unit, or a finisher are used. The device is designed to not incur any damage when being switched on and off up to twice per day.

The following table shows the individual values of power consumption as well as default timeouts and recovery times. All values are preset upon delivery. With these values, the device meets the Blue Angel Requirements.

Overview of the operation modes of the Lexmark MS823dn, M5265

Print speed (DIN A4 format; determined according to ISO/IEC 24734):

At monochrome printing: 61 pages/minute

Symbol on the switch/button	Operation mode	Power consumption* (watts)	Activation time** (minutes)	Return time*** (seconds)
	Highest possible power consumption: at switch on	1190 W		
	Printing (continuous operation at 61 pages/ minute) monochrome	740 W		
	Ready	27 W	0	0
	Energy Saving Mode A	18.5 W	5 (5...5)	1
⏻ (solid amber)	Energy Saving Mode B	1.4 W	15 (1...120)	4
⏻ (fading amber)	Hibernate Mode	0.2 W	3 days	
	Switch off	0.2 W	Switch actuation	

* Averaged values, measured without accessories (e.g., stapler).

** Activation time is the time that elapses after the end of the print process until the device switches over to the respective operation mode. The figures in brackets indicate the range, in which the activation time can be changed.

*** Return time is the time which the device needs to return to ready mode for printing.

- In the delivery status, the values presented in the table are preset.
- With these values the device meets the requirements of the Blue Angel.

Energy consumption of the Lexmark MS823dn, M5265

For the standard use cycle according to ENERGY STAR, the following assumptions are made for this device: 32 print jobs per working day, each with 58 pages, single-sided at monochrome printing (1856 pages/day).

Hence, the energy consumption for a week in standard usage cycle according to ENERGY STAR version 3.0 (7-day week with 5 working days of 8 hours each) is 0.81 kWh per week determined with test pattern A according to ISO 10561:1999.

The value was measured with the settings (delivery status) mentioned above.

Regarding the electric power saving modes you can partly change their activation times. If you shorten an activation time, the device will faster switch over to an electric power saving mode and you will save electricity costs. If you, however, want to extend an activation time, please consider: the device will then switch down later or not at all. Thus, it will stay longer in a mode of increased power consumption and, hence, consume more electric power. Then, in addition, it might no longer meet the maximum value for electric power consumption of the Blue Angel. We recommend not to extend the activation times.

Acoustics section

Noise level

According to DE-UZ 219	Declared sound power level, dB(A)[1]
Product	Monochrome printing
Lexmark MS823dn, M5265	71.9

1 L_{WAd} measured according to DE-UZ 219 (January 2021 Edition). Values may be different than Declared Sound Power Level according to ISO 7779 and ISO 9296.2.