

HP LaserJet M4345 MFP

vs. Lexmark X656



Boost your efficiency and reduce costs with the HP LaserJet M4345 MFP Series

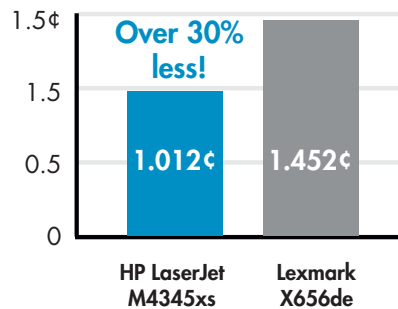


- Lower toner cost per page translates to real savings over time
- Lower power consumption lets you print green and save money
- Faster first-print times for many common file types and from energy-save mode
- Faster first-copy time from document feeder means less time waiting for a copy
- Faster scanning for more efficient workflows
- Better reliability translates to less downtime and fewer headaches
- More efficient printing and copying in all simplex and duplex modes tested
- More efficient job stream printing
- Simple to install and easy to manage – the LaserJet M4345 Series ships fully assembled, offers a Universal Driver for simplified driver deployment throughout your organization and integrates with the industry standard Web Jetadmin

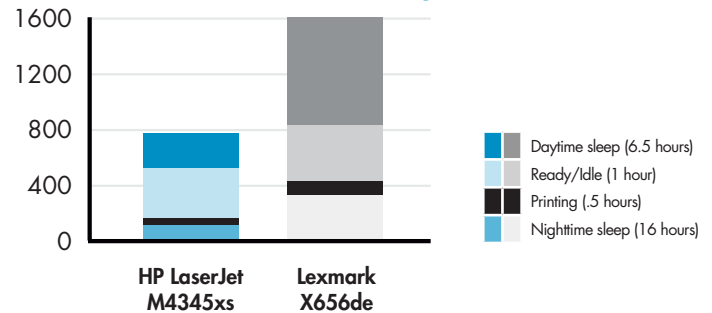
Save money with lower toner cost and energy use.

*The charted daily energy usage is calculated by BLI using the manufacturer's reported power consumption. Usage chart is based on the assumption of each device printing for 30 minutes per day, being in ready mode for one hour, and spending the remainder of the time in sleep mode (6.5 hours during the day and 16 hours overnight). This does not include weekends.

Toner Cost Per Page



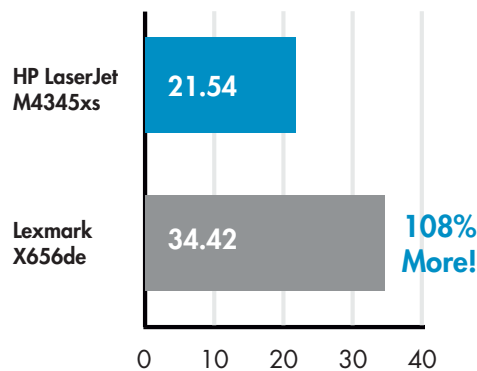
24-Hour Power Consumption



Faster First Prints from Energy-Save Mode (in seconds)

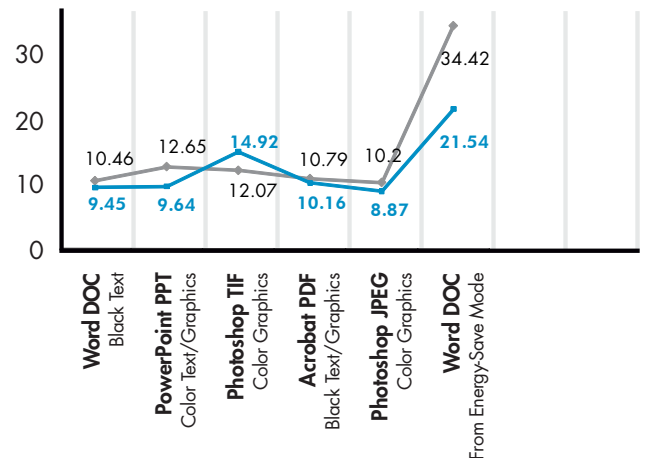
The HP delivers more efficient printing and copying.

HP's instant-on fuser radically reduces warm-up time and lets HP users have their print jobs done before the X656 is finished warming up. In BLI lab testing of both devices, the LaserJet M4345 proved consistently more efficient at printing and copying than the Lexmark X656.



Faster First-Print Times* (Seconds)

The LaserJet M4345 MFP had faster first-print times in five out of six files used during BLI lab tests:



Scanning Speeds

Scan speed	Single-Sided Originals (Monochrome)	Single-Sided Originals (Color)
HP LaserJet M4345xs	37.4 originals per minute	25.5 originals per minute
Lexmark X656de	32.5 originals per minute	18.7 originals per minute

Scan File Size

Single page, (300 dpi, PDF)	Black (Default Mode)	Color (Default Mode)	Black (High Compression)	Color (High Compression)
HP LaserJet M4345xs	465 KB	1,075.2 KB	311 KB	630 KB
Lexmark X656de	451 KB	1,085.4 KB	Compression not available for PDF	Compression not available for PDF

Faster scanning and smaller file sizes keep workflow moving.

More efficient printing in every test conducted by BLI (PCL 6 print driver):

The LaserJet M4345x MFP was much more efficient at processing a stream of print jobs sent at once. BLI's job stream test is critical because it simulates how a printer handles the demands of a typical busy workplace:

Job Stream (PCL 6)

	Time To Completion (Seconds)	PPM	Percentage of rated engine speed
Hewlett-Packard LaserJet M4345x MFP	32.75	34.81	77.35%
Lexmark X656	30.2	37.75	68.63%

BLI's job stream includes Word documents, Outlook e-mail messages, Excel spreadsheets, PowerPoint, HTML and Acrobat PDF files, totaling 19 pages. This test simulates the type of traffic a typical device might experience in a real-world, multi-user environment. All of the files are sent to the printer as a group, at which time the stopwatch begins; timing ends when the last page of the last file exits the device. Job stream efficiency is determined by the percentage of the rated speed at which the unit operates when producing real-world jobs. The closer the rate is to 100%, or if it exceeds 100%, the more efficient the unit.

The HP LaserJet M4345 MFP Series was designed to handle the needs of even the most demanding business environments.

Does the Lexmark X656 offer...?	Hewlett-Packard LaserJet M4345x MFP	Lexmark X656de
A multi-bin mailbox option?	Yes	No
A stapler/stacker option?	Yes	No
Ability to handle paper weights as heavy as 53-lb. bond/200 gsm?	Yes	No
Ability for users to draw from up to three paper sources per print job?	Yes	No
Optional scan to Internet fax capability?	Yes	No
Easy fleet integration via a universal print driver?	Yes	No
Higher tested print efficiency?	Yes	No
Higher tested copy efficiency?	Yes	No
Faster tested scanning?	Yes	No

Simple integration, for one MFP or a whole fleet.

HP offers the Universal Print Driver, which lets users find and print to HP printers and MFPs no matter what model they are. This means you only need one print driver, so administrators don't have to keep track of numerous drivers for different machines. There's nothing like it for the Lexmark X656 Series.

Radically simplify MFP (and printer) management with HP Web Jetadmin.

HP Web Jetadmin outperforms Lexmark MarkVision Professional in several key areas that radically simplify MFP (and printer) management.

Does the Lexmark X656...	Hewlett-Packard LaserJet M4345x MFP	Lexmark X656de
Generate reports?	Yes	No
Include built-in report templates?	Yes	No
Offer a simple to use drag-and-drop interface?	Yes	No
Discover locally connected printers connected to networked PCs?	Yes	No
Manage locally connected printers connected to networked PCs?	Yes	No
Support network scanners?	Yes	No
Support network projectors?	Yes	No
Allow access restriction to color copying, scanning and digital sending?	Yes	No

* as tested by Buyers Laboratory, Inc., the imaging industry's leading supplier of competitive information.

To learn more, visit www.hp.com

