

The Brother HL-6180DW

versus KYOCERA ECOSYS FS-2100DN



The HL-6180DW proves superior to the KYOCERA ECOSYS FS-2100DN, offering lower running costs, faster tested speeds and lower power consumption.



- ✓ “Recommended” by BLI
- ✓ Lower purchase price helps result in significant lifetime running costs
- ✓ Strong feature set including wireless networking, mobile printing and a compact design for €191 less than the KYOCERA model
- ✓ Lower power consumption for even greater savings
- ✓ Faster tested recovery time and simplex print speeds
- ✓ Brother iPrint&Scan includes support for more languages and file formats than KYOCERA’s app, plus compatibility with Windows phones

Certified “Highly Reliable” and “Recommended” by BLI



When subjected to BLI’s rigorous lab testing, the HL-6180DW received BLI’s “Recommended” rating, demonstrating flawless reliability by producing 50,000 impressions without a single misfeed or required service. Other key strengths of the HL-6180DW include standard wireless connectivity, standard automatic duplex printing, very good overall image quality and a low purchase price, according to BLI. In contrast, the FS-2100DN experienced two misfeeds in BLI’s lab test.

“Get added Value with the HL-6180DW”

The Brother HL-6180DW costs about half as much as the ECOSYS FS-2100DN. Not only is the HL-6180DW’s base price lower than that of the ECOSYS FS-2100DN, the prices for Brother’s upgrade options are also lower than KYOCERA’s, so users get a comparably equipped printer for much less. In fact, when the optional wireless interface is added to the KYOCERA ECOSYS FS-2100DN, users could practically buy two HL-6180DWs for the price of one KYOCERA printer!

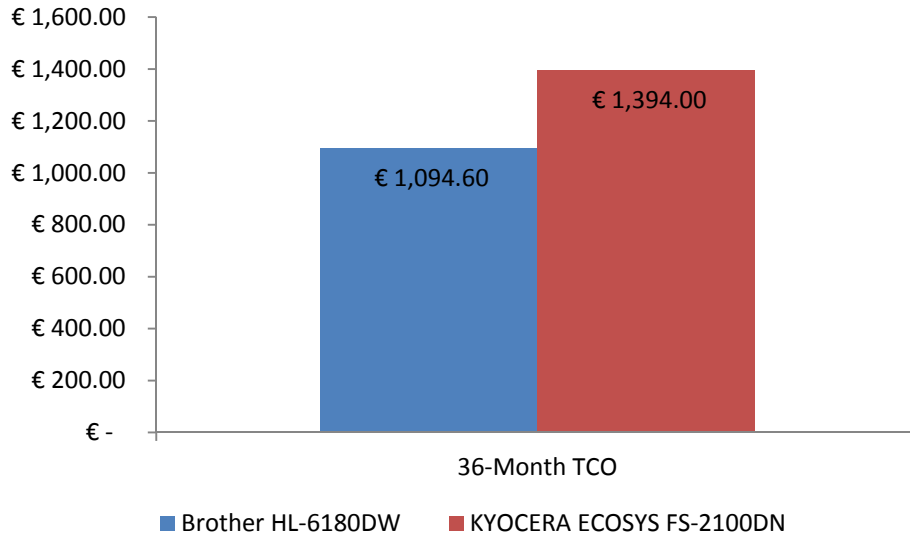
	Brother HL-6180DW	KYOCERA ECOSYS FS-2100DN
Base Price*	€399	€590
Wireless interface	No charge	€330
Additional 500-sheet drawer	€169.74	€213
Total	€569	€1,133

**Prices provided for the German market in Euros, based on BLI’s extensive product specification database.*

Save even more over time with the Brother HL-6180DW

Super Low Purchase Price Contributes to Lower TCO.

Cost per page is a good starting point for determining total cost of ownership. But, buyers must also consider the typical number of pages printed and upfront investment to determine a printer's total lifetime costs. Although cost per page for the FS-2100DN may seem lower at first glance, the Brother unit costs less than half of what the KYOCERA ECOSYS FS-2100DN costs, users realize much greater savings up front. In the example depicted here, it's easy to see that, for printing up to 1,000 impressions per month over 36-months, the Brother HL-6180DW is clearly a better value. Estimated Lifecycle Cost (In German €)*



*Prices provided for the German market in Euros at time of BLI lab test report publication. CPP based on pricing supplied by the manufacturers, BLI's toner yield testing using the ISO 19752 test document printed in default mode, and rated yield for the drum kit. (CPP as determined by BLI; HL-6180DW: €0.0146; FS-2100DN: €0.00725) TCO is calculated for the base model with one optional paper drawer and wireless networking (standard on the Brother model, optional for KYOCERA). Based on one unit printing 1,000 pages monthly for 3 years.

Brother Lets You Print "Green" (And Save Money)

Greater Energy Savings Lowers Costs...

Business users don't want to sacrifice performance to conserve resources. With the Brother HL-6180DW, users get fast speeds and better energy efficiency than with the KYOCERA ECOSYS FS-2100DN. Because of its lower power consumption in nearly every operating mode, and especially idle and sleep modes (in which printers spend the majority of the time), the Brother model uses significantly less energy, based on BLI's energy testing.

Tested Energy Use By Mode	Brother HL-6180DW	KYOCERA ECOSYS FS-2100DN
Simplex Monochrome Print	0.650 kWh	0.745 kWh
Idle Mode	0.004 kWh	0.013 kWh
Sleep mode during Overnight Dormancy	0.001 kWh	0.002 kWh
Warm-up Power from Overnight Sleep	0.0030 kWh	0.0072 kWh
Overall BLI Environmental Rating	★★★★★	★★★★★

* This report includes data from Brother's internal analysis as well as data sourced from Buyers Laboratory LLC (BLI), with written permission from BLI, the document imaging industry's leading source of unbiased and reliable competitive intelligence. Test data was collected in BLI's 10,000-square-foot lab in Hackensack, NJ or in Wokingham, UK, and published in BLI's Lab Test Reports and Environmental Test Reports.



4.5 Stars for Environmental Performance

Received a Higher Rating in BLI's Environmental Testing

When both devices were subjected to BLI's environmental testing, the HL-6180DW received one of the highest ratings (4.5 out of 5 Stars), while the KYOCERA ECOSYS FS-2100DN was rated lower (4 Stars). Key advantages of the HL-6180DW include fast recovery time from sleep mode, above-average impressions per gram toner yields and lower than average projected annual energy consumption and cost. BLI's Environmental Test Report on the KYOCERA ECOSYS FS-2100DN listed below average impressions-per-gram yield as a shortcoming; energy consumption and associated cost also received a lower rating than the Brother HL-6180DW.

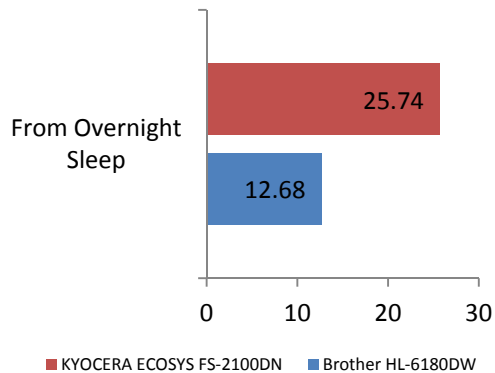
*Print speed is tested using a 10-page Word document printed using the PCL driver in default mode. *Data from BLI's Lab Test Reports on both models.*

Make Your Office More Productive

Faster Speeds When You Need Them Most

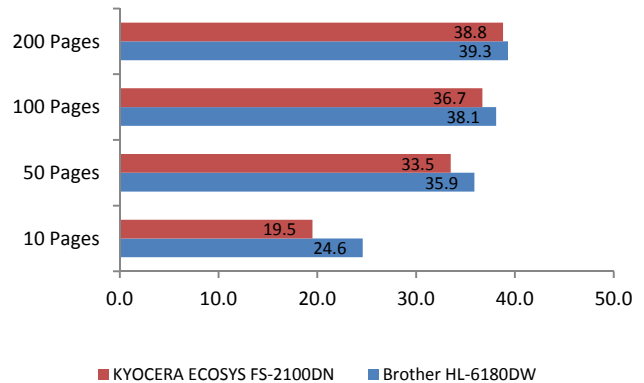
In a typical office environment, a printer spends much of the day in sleep mode, making a fast recovery time key to worker productivity. When printing a single-page from sleep mode, the Brother model was about 103% faster (about twice as fast), enabling workers to get their printout and get back to work, while KYOCERA users are left waiting. And for longer print runs, whether printing 10 pages or 200, the Brother HL-6180DW was just plain faster than the ECOSYS FS-2100DN, which means Brother users can be more productive when printing single-sided pages.

Tested First-Print Time from Overnight Sleep (Seconds)*



Device sits idle overnight; a single-page black Word document is then sent. First-print time indicates the time it took to warm up, process, image and deliver the first page of the test document to the output tray.

Tested Simplex Print Speed (Pages per Minute)*



*Print speed is tested using a 10-page Word document printed using the PCL driver in default mode. *Data from BLI's Lab Test Reports on both models.*

Lighter, More Compact Design Fits Better in Your Office

The HL-6180DW is much more compact than the KYOCERA model, making it much easier to fit into a variety of environments. Plus, because it's lighter than the ECOSYS FS-2100DN, it's easier to move if users decide they want to move it to a different location.

	Brother HL-6180DW	KYOCERA ECOSYS FS-2100DN
Weight (Base Unit)	11.5 kg	13.5 kg
Footprint (WxD)	371 mm x 384 mm (142.464 square metres on the desktop)	380 mm x 416 mm (158.080 square metres on the desktop)

Advanced printing for mobile workers

For workers on the go, printing important documents from mobile phones and tablets can be challenging. Brother iPrint&Scan is a free downloadable app for Android, Apple® iOS and Windows Phone devices that provides mobile printing and scanning functionality when linked with compatible Brother printers and MFPs.

While KYOCERA also has a mobile print app, Brother's iPrint&Scan app offers includes key advantages, including a greater choice of languages, support for Windows phones and the ability to locate the closest devices to simplify printing. Even better, when working with MFPs on the network, the Brother app allows scanned documents to be emailed, saved to SkyDrive, iCloud or stored on the mobile device, while the KYOCERA app can only scan to the mobile device. Other key advantages can be found in the table below:



Full product name	Brother iPrint&Scan App	KYOCERA Mobile Print
Languages supported	English, French, Italian, German, Spanish, Chinese (simplified & traditional), Danish, Dutch, Finnish, Japanese, Korean, Norwegian, Portuguese, Swedish	English, French, Italian, German, Spanish, Chinese (traditional & simplified), Japanese, Korean, Portuguese
Print from iOS devices	Yes	Yes
Print from Android devices	Yes	Yes
Print from Windows Mobile devices	Yes	No
Ability to locate compatible printers nearest to user	Yes	No
Print using printer's "Direct Print" feature	Yes	Yes
Print via Wi-Fi connection	Yes	Yes
Print via Bluetooth connection	Yes	No
File formats supported for print:	Brother iPrint&Scan App	KYOCERA Mobile Print
PDF	Yes	Yes
JPG	Yes	Yes
TIFF	Yes	No
TXT	Yes	Yes
Microsoft Word	Yes	Yes
Microsoft Excel	Yes	No
Other Formats	Email (Android/Kindle Fire using a Gmail account only), png, ppt	bmp (for Android only), html (for iOS only), png
Scan from supported MFP directly to mobile device	Yes	Yes
Scan from supported MFP to e-mail using mobile device app	Yes	No
Scan from supported MFP to cloud repository using mobile device app	Yes	No
Files formats supported for scanning	pdf, jpeg	pdf, jpeg

Key Specifications At-A-Glance

	Brother HL-6180DW	KYOCERA ECOSYS FS-2100DN
Black Speed (ppm)	40	40
Standard paper capacity	550	600
Standard memory capacity (MB)	128	256
Max. monthly duty cycle	100,000 pages	150,000 pages
Automatic duplexing	Standard	Standard
Recommended monthly print volume	5,000 pages	4,000 pages
Rated toner yield (pages)	12,000	12,500
Wireless interface	Standard	Optional
Secure print	Standard	Optional
802.1x enterprise security	Standard	w/Optional interface
Wi-Fi protected setup AOSS	Standard	None