

MFC-L6900DWT

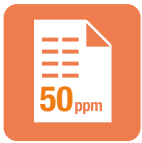
brother
at your side

Brother

All-In-One Mono Laser Printer

The all round workgroup performer is here

Print
Copy
Scan
Fax



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Built for Business, this all-in-one is designed with high print volume workgroups in mind. New improved robust build quality combined with excellent paper handling options gives true workgroup performance. The new optional ultra-high-yield toner cartridges considerably reduces your print spend, making this machine the ideal print partner for your workgroup.

Top Features:

Super-fast print speeds of up to 50ppm

Super-fast scan speeds of up to 100ipm

Combined paper input of 1,090 sheets

Automatic 2-Sided Printing

High-Yield Replacement Cartridges -
Optional ultra high yield 20,000¹
page toner cartridge

Intuitive 12.3cm touchscreen
LCD display

High speed wired (10Base-T/100
Base-TX/1000Base-T) and wireless
(IEEE 802.11b/g/n) network interfaces

Integrated NFC Reader

Wi-Fi Direct™

Maximise Performance

- Significantly increase your workgroup productivity thanks to super-fast print and scan speeds of 50ppm/100ipm
- Maximize performance with high speed wired (10Base-T/100Base-TX/1000Base-T) and wireless (IEEE 802.11b/g/n) network interfaces
- Business users can easily print from and scan to mobile devices
- Streamline workflows and easily print with NFC technology
- The incredible easy to use 12.3cm touchscreen user interface allows users to customise their screens
- Improved productivity with scanning of up to 50 pages a minute and up to 100ipm when scanning 2-sided

Complete Piece of Mind-Workgroup Reliability

- New build technology gives complete reliability enabling you to print up to 10,000 pages per month
- 80 page Auto document feeder and high speed scanning for seamless document management
- Outstanding paper handling options with a standard paper capacity of 1,090 expandable to 1,610

Exceptionally low running costs

- Designed for demanding high volume print environments the MFC-L6900DWT includes a 12,000¹ page super high yield toner cartridge and can take an optional 20,000¹ page toner cartridge to lower your running costs even further
- There is a range of solutions under the PrintSmart Umbrella that can help you reduce your print spend such as PrintSmart Cost Control and PrintSmart Secure Pro

Meeting Your IT Challenges

- Modern businesses demand the highest levels of security. With Secure Function Lock 3.0, Active directory connectivity and Internet Protocol Security (IPsec). Plus, the range features Print Archive, Secure Reset and Certificate Management and near field communication (NFC) functionality.

General

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|------------------------------------|--|
| Technology | Electrophotographic Laser Printer |
| Laser Classification | Class 1 Laser Product (IEC60825-1:2007) |
| Processor | Cortex-A9 800MHz |
| Memory | 1GB |
| Local Interface | Hi-Speed USB 2.0 |
| Wired Network Interface | 10Base-T/100Base-TX/1000Base-T |
| Colour Touchscreen | 12.3cm Colour Touchscreen |
| Shortcuts | 48 |
| Print | |
| Print Speed Standard (A4) | Up to 50ppm (pages per minute) |
| Print Speed 2-Sided (A4) | Up to 24 sides per minute (12 sheets per minute) |
| Resolution | Up to 1,200 x 1,200 dpi |
| Quiet Mode | A mode to reduce the printing noise by reducing the print speed to 25ppm |
| Automatic 2-Sided Printing | Print on to both sides of the paper |
| FPOT (First Print Out Time) | Less than 7.5 seconds from ready mode |
| Warm Up Time | Less than 4.7 seconds from sleep mode |
| Print Languages | PCL6, BR-Script3 (PostScript®3™ Language Emulation), IBM Proprinter XL, Epson FX-850 PDF version 1.7, XPS version 1.0 |
| Embedded Fonts (PCL) | 66 scalable fonts, 12 bitmap fonts, 13 barcodes |
| Embedded Fonts (Postscript) | 66 scalable fonts |
| Embedded Barcodes (PCL) | Code39, Interleaved 2 of 5, FIM (US-PostNet), Post Net (US-PostNet), EAN-8, EAN-13, UPC-A, UPC-E, Codabar, ISBN (EAN), ISBN (UPC-E), Code128 (set A, set B, set C), EAN128 (set A, set B, set C) |

Printer Functions

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| N-up Printing³ | Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16) |
| Poster Printing⁴ | Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages |
| Watermark Printing⁴ | Watermark your documents with predefined text or with your own user-defined messages |
| ID Printing⁴ | Add identification to your printed documents (date & time, short custom message or PC username) |
| Manual 2-Sided Print⁴ | Manual 2-sided printing (recommended for media not supported by automatic 2-sided print) |
| Booklet Printing⁴ | Print documents in A5 booklet format using automatic or manual 2-sided print |
| Skip Blank Page⁴ | Ignores any blank pages in your documents by not printing them |
| Print Profiles³ | Store your favourite driver settings as profiles to easily recall them |
| Print Text In Black⁴ | Converts all text in your documents to black when printed |
| Print Archive⁴ | An electronic carbon copy feature that saves an electronic copy of all printed documents as a PDF file |
| Carbon Copy⁴ | Prints additional copies of the same document to paper taken from additional paper trays |

Printer Driver

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| Windows[®] | Windows [®] 10 (32 & 64 bit editions) Windows [®] 8 (32 & 64 bit editions) Windows [®] 7 (32 & 64 bit editions) Windows Vista [®] (32 & 64 bit editions) Windows [®] XP Professional (32 & 64 bit editions) Windows [®] XP Home Windows [®] Server 2012, 2012R2 & 2008R2 Windows [®] Server 2008 (32 & 64 bit editions) Windows [®] Server 2003 (32 & 64 bit editions) |
| Macintosh⁵ | OS X 10.8.5, 10.9.x, 10.10.x, 10.11.x |
| Linux⁵ | CUPS, LPD/LPRng (32 & 64 bit editions) |
| PostScript Universal Printer Driver | Driver for Windows [®] that enables you to print to any network or locally-connected Brother laser printer that supports PostScript |
| PCL Driver | Universal PCL5e generic driver |
| Mobile/Web Based Printing & Scanning | |
| Brother iPrint&Scan (Android) | Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from an Android device |
| Brother iPrint&Scan (iPad / iPhone / iPod) | Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from an iPad / iPhone / iPod Touch |
| Brother iPrint&Scan (Windows[®] Phone) | Print from and scan to a smart phone running the Windows [®] Phone Operating System |
| Brother Print&Scan (Windows[®] 8 & RT) | Print from and scan to a Windows [®] 8 or Windows RT Tablet |
| Google Cloud Print 2.0⁶ | Print most common file types from any Google Cloud Print enabled application |
| AirPrint | Print most common file types from any AirPrint enabled application |
| Mopria | Print most common file types from Mopria supported Android devices |
| Android Print Service Plugin | Print from Android devices without a dedicated App |
| Evernote^{TM6} | Print from and scan to Evernote TM without using a PC |
| Box⁶ | Print from and scan to Box without using a PC |
| Dropbox⁶ | Print from and scan to Dropbox without using a PC |
| Google Drive^{TM6} | Print from and scan to Google Drive TM without using a PC |
| OneDrive⁶ | Print from and scan to Microsoft [®] OneDrive without using a PC |
| Picasa^{TM6} | Print from and scan to Picasa TM without using a PC |
| Flickr^{®6} | Print from and scan to Flickr [®] without using a PC |
| Facebook^{®6} | Print from and scan to Facebook [®] without using a PC |
| OneNote⁶ | Scan to Microsoft [®] OneNote without using a PC |

1 Approx declared yield value in accordance with ISO/IEC19752.

2 Calculated with 80g/m² paper.

3 Windows[®] & Mac[®] only.

4 Windows[®] only.

5 Optional free download from the Brother Solutions Centre <http://support.brother.com>

6 Must be web connected.

7 Maximum number of printed pages per month can be used to compare designed durability between like Brother products.

8 For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements.

9 It is recommended to use the straight paper output path and the quiet mode feature with paper weights over 105g/m².

9 Requires Brother Software.

USB Host

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| Direct Print | Print directly from a USB flash memory drive. The supported file formats include: PDF version 1.7, JPEG, Exif+JPEG, PRN (created by own printer driver), TIFF (scanned by Brother model), XPS version 1.0 |
| USB Input Port | Rear USB port for use with an external NFC card reader |
| Direct Scan | Scan directly to a USB flash memory drive. The supported file formats include: PDF, PDF/A, Secure PDF, Signed PDF, JPEG, XPS, TIFF |

Scan

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| Scanner Type | Dual CIS (Contact Image Sensor) |
| Automatic 2-Sided Scan | Yes |
| Colour & Mono Scanning | Yes |
| Scan Speed Mono | 50ipm (images per minute) |
| 2 Sided Scan Speed Mono | 100ipm (images per minute) |
| Scan Speed Colour | 20ipm (images per minute) |
| 2 Sided Scan Speed Colour | 34ipm (images per minute) |
| Scan Resolution from ADF | Up to 600 x 600dpi |
| Scan Resolution from Scanner Glass | Up to 1,200 x 1,200dpi |
| Interpolated Scan Resolution | Up to 19,200 x 19,200dpi |
| Colour Depth | 16,777,216 colour variations (24 bit) |
| Grey Scale | 256 shades of grey (8 bit) |
| Standard Functions⁹ | Scan to USB, E-mail, OCR, Image & File |
| Network Scanning | Scan to network folder (Windows [®] only), FTP, SFTP, Email Server, SharePoint & Easy Scan to Email ⁶ |
| Cloud Scanning⁶ | Scan direct to Evernote™, Box, Dropbox, Google Drive™, OneDrive, Picasa, Flickr, Facebook, Evernote™, OneNote |
| Scan Features | Remove Background, Skip Blank Page, ID Scan ⁴ , 1 to 2 Scan ⁴ , Auto Deskew from ADF, Split PDF |
| Scan To Microsoft Office⁶ | Scan to Microsoft [®] Word, Microsoft [®] Excel & Microsoft [®] PowerPoint |
| Scan to Searchable PDF | Scan documents to searchable PDF files |
| Scan to SharePoint | Scan documents directly into SharePoint |
| Outline & Scan⁶ | Draw around items to either scan a section or remove a section from the original document |
| Windows[®] Web Services Scanning | Scan direct into Windows [®] (from Windows [®] 7 & onwards) without needing to install a scanner driver |

Scanner Driver

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|------------------------------|--|
| Windows⁵ | TWAIN, ISIS ⁵ & WIA Windows [®] 10 (32 & 64 bit editions) Windows [®] 8 (32 & 64 bit editions), Windows [®] 7 (32 & 64 bit editions), Windows Vista [®] (32 & 64 bit editions), Windows [®] XP Professional (32 & 64 bit editions) Windows [®] XP Home (ISIS driver not supported by Windows XP) |
| Macintosh⁵ | TWAIN & ICA OS X 10.8.5, 10.9.x, 10.10.x, 10.11.x |
| Linux⁵ | SANE(32 & 64 bit editions) |

Copy

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|---------------------------------------|---|
| Speed - (A4) | Up to 50cpm (copies per minute) |
| Automatic 2-Sided Copy | Yes |
| FCOT (First Copy Time Out) | Less than 9.5 seconds from ready mode |
| Resolution | Up to 1,200 x 600dpi |
| Multi-Copying/Stack/Sort | Makes up to 99 copies of each page / Stacks or Sorts |
| Enlargement/Reduction Ratio | Reduce or Increase document sizes from 25% to 400% in 1% increments |
| N in 1 Copying | Allows the user to compress 2 or 4 pages on to a single A4 sheet |
| 2in1 ID Copying | Allows the user to copy both sides of an ID card to a single A4 sheet |
| Grey Scale | 256 shades of grey (8 bit) |
| Receipt Copying | Produces clearer copies of receipts |
| Outline & Copy⁶ | Draw around items to either copy a section or remove a section from the original document |
| Enlarge Text Copy⁶ | Makes reading copied documents easier if the size of the text on the original document is small |

NFC Reader

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| Integrated NFC Reader | Supports both NFC cards (for secure authentication with pull print solutions like Brother Print Smart Pro) and Android NFC devices for mobile print and scan |
| External NFC Card Reader Support | Support for external NFC readers via the rear USB port |

Address Book

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| Speed Dials | 300 locations for E-mail addresses and fax numbers |
| Group Dial | A combination of up to 20 groups can be stored for broadcasting |
| LDAP | The ability to connect to an external LDAP enabled address book, like Microsoft [®] Exchange |



Network & Security

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| Wired Network | Built in Ethernet 10Base-T/100Base-TX /1000Base-T |
| Wireless Network | IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode) |
| Wi-Fi Direct™ | Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported) |
| Wireless Set-Up Support | Wi-Fi Protected Setup (WPS) |
| Wireless Applications | Vertical Pairing |
| Network Protocols | TCP/IP (IPv4 and IPv6) |
| IPv4 | ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNTp Client, LDAP, IMAP4 |
| IPv6 (Off by Default) | NDP, RA, DNS resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, POP3, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNTp Client, LDAP, Web Services (Print/Scan), IMAP4 |
| Wired Network Security | APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos, IPsec, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS) |
| Wireless Network Security | WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos, IPsec, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS) |
| Print Log to Network⁴ | Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network |
| E-mail Notifications | Automatically have the device send e-mail alerts when it requires attention, such as when the toner is low or needs replacing |
| E-mail Reports | Receive usage reports on a regular basis via e-mail |
| IP Filter | Restrict which network users can or cannot access the device over the network (IPv4 only) |
| Secure Function Lock 3.0 | Restrict activity to individual or groups of users over a network. Can be used with PC User Login Name for up to 200 users |
| Active Directory Authentication | Retrieve stored print jobs & control access to the devices functionality by using credentials from Active Directory |
| LDAP Authentication | Retrieve stored print jobs & control access to the devices functionality using credentials from an LDAP supported database |
| Setting Lock | Secures access to the devices control panel by locking it |
| Secure Print³ | Protect print jobs with a 4 digit release code required at the device in order for them to be printed |

1 Approx declared yield value in accordance with ISO/IEC19752.

2 Calculated with 80g/m² paper.

3 Windows® & Mac® only.

4 Windows® only.

5 Optional free download from the Brother Solutions Centre <http://support.brother.com>

6 Must be web connected.

7 Maximum number of printed pages per month can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements.

8 It is recommended to use the straight paper output path and the quiet mode feature with paper weights over 105g/m².

9 Requires Brother Software.

Fleet Management Tools

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| Unattended Installer⁴ | Ability to centrally deploy and customise our drivers and software |
| MSI Installer⁴ | Modular installers that can be distributed through Active Directory® |
| Embedded Web Server | Web based print management software embedded onto the device |
| BRAdmin Professional 3^{4&5} | LAN/WAN management software |
| Driver Deployment Wizard⁴ | Easily create print drivers for hassle free deployment over your network |
| b-guard (Additional Purchase) | Professional print fleet management software sold exclusively by Brother |

Developers

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| Brother Solutions Interface (BSI) | Create powerful cloud and on premise solutions directly integrating the advanced print, scan and security capabilities of Brother scanners, printers and all in ones. For more information visit: www.brother.eu/developers |
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PrintSmart Solutions (optional)

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| PrintSmart Cost Control | Monitor and control printing costs for all Brother and 3rd party devices |
| PrintSmart SecurePro | Secure pull printing plus the benefits of PrintSmart CostControl |
| PrintSmart Mobile | Printing from any mobile device easily and securely |
| PrintSmart MobileZone | Add printing as a service to your business from any mobile device easily and securely |

For more information on PrintSmart Solutions visit:

Standard Paper Handling

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| Paper Input² | Trays – 2 x 520 sheets Multi Purpose Tray – 50 sheets Automatic Document Feeder (ADF) - 80 sheets |
| Paper Output² | Face Down - 250 sheets Face Up (Straight Paper Path) - 10 sheets |

Optional Paper Handling

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| Paper Input² | 250 sheet tray (LT-5505) 520 sheet tray (LT-6505) Maximum of 1 additional tray |
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Media Specification

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| Media Types & Weights³ | Standard & Optional Trays - plain, recycled, coloured and letterhead paper (between 60 - 120g/m ²) Multi Purpose Tray - plain, recycled, bond, coloured and letterhead paper (between 60 - 200g/m ²) Automatic Document Feeder (ADF) - plain & recycled paper (between 64 - 90g/m ²) 2-sided Print - plain, recycled, coloured and letterhead paper (between 60 - 105g/m ²) |
| Envelope & Label Printing | Yes, from the Multi Purpose Tray: support for 10 envelopes up to 10mm total thickness |
| Media Sizes | Standard Tray - A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal Optional Tray - A4, Letter, A5, Executive, Legal, Folio, Mexico Legal, India Legal Multi Purpose (MP) Tray - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm Automatic Document Feeder (ADF) - Width: 105mm to 215.9mm x Length: 147.3mm to 355.6mm 2-sided Print - A4 |

Paper Input / Output Sensors

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| Input | Onscreen & optional email alerts notifying you when any of the paper input trays are nearly empty or empty |
| Output | Onscreen & optional email alerts notifying you when any of the paper output trays are full |

Fax

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| Fax Modem | 33,600bps (Super G3) |
| Automatic 2-Sided Faxing | Yes |
| Internet Fax (iFax) | Fax documents anywhere in the world over the Internet without the use of a telephone line |
| Fax to Server | Sends faxes to a server |
| PC Fax Send^{9&3} | Send faxes directly from your PC |
| PC Fax Receive^{9&4} | Receive faxes directly to your PC |
| Automatic Redial | Automatic redialling if the recipient fax is busy |
| Telephone Index | An electronic, alphabetical listing of stored speed dials and group numbers |
| Chain Dialling | Allows the user to store parts for long dialling sequences in different speed dial locations |
| Distinctive Ring Detection (UK & Denmark only) | An external service that allows two or more telephone numbers shared on a single fixed line and use different ring tones |
| Speaker / Ring Volume | 3 levels and off |
| Fax / Tel Switch | Automatic recognition of fax and telephone reception |
| Super Fine | Enables quality transmission of very small print and line drawings |
| Contrast | Auto / light / dark |
| Enhanced Remote Activate | Transfer a fax call, answered on an extension phone, to the fax machine |
| Delayed Timer | Up to 50 |
| Quick-Scan | Approximately 2.5 seconds per page A4 standard resolution |
| Memory Transmission | Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG) |
| Out of Paper Reception | Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG) |
| Dual Access | Allows the operator to perform 2 different tasks on the machine at the same time |
| Broadcasting | Send the same fax message to up to 350 separate locations (manual 50 locations) |
| Batch Transmission | Stores documents for the same location in the machines memory for transmission in a single call |
| Auto Reduction | When receiving a single page document longer than A4 (297mm) the fax machine will automatically reduce the message to fit onto a single A4 sheet |
| ECM (Error Correction Mode) | The MFC will detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work) |
| Fax Forwarding | Sends a fax received in memory to another pre-programmed fax number |
| Remote Access | Allows users to remotely access their machine |
| Fax Retrieval | Allows remote access to faxes stored in the machine |
| Remote Maintenance | Allows users to maintain their MFC remotely |
| Remote Set-Up³ | Allows users to set-up the MFC from their PC |
| Grey Scale | 256 shades (8 bit) of grey are available for faxing |
| Fax Preview | Preview received faxes on the screen |
| Fax Stamp | Add the date and time to all received faxes |
| Cover Page | Create custom cover pages for outgoing faxes |

Supplies

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| Inbox Toner | 12,000 pages ¹ |
| Standard Yield Toner | 3,000 pages ¹ (TN-3430) |
| High Yield Toner | 8,000 pages ¹ (TN-3480) |
| Super High Yield Toner | 12,000 pages ¹ (TN-3512) |
| Ultra High Yield Toner | 20,000 pages ¹ (TN-3520) |
| Drum (DR-3400) | Approx 50,000 pages at 3 pages per job Approx 30,000 pages at 1 page per job |
| LT-5505 | 250 sheet optional paper input tray |
| LT-6505 | 520 sheet optional paper input tray |
| CH-1000 | Card reader holder |
| FH-1005 | Filter holder (Germany only) |
| Carton Contents | Toner cartridge, drum, power supply cord, fax line cord, driver software for Windows®, Quick Set-Up Guide (PC interface cable NOT included) |

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media.

Environment

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| Power Consumption | Copying - 805W (390W in quiet mode), ready - 34W, sleep - 8W, deep sleep - 1.6W, off - 0.04W |
| TEC Value | 2.493kWh / Week |
| Sound Pressure Level | Copying - 57dBa, quiet mode printing - 53dBa, ready - Up to 35dBa |
| Sound Power Level | Copying - 6.76BA, quiet mode printing - 6.47BA, ready - Up to 4.8BA |
| Power Saving | This enables the printer to consume less energy when not in use |
| Toner Saving | This reduces the toner usage and helps to reduce the total cost of printer ownership |
| Energy Star | Yes |
| Blue Angel | Yes |
| Nordic Swan | Yes |
| GS Mark | Yes |

Dimensions & Weights

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|-------------------------------|---------------------------|
| With Carton (WxDxH) | 599 x 526 x 1047mm 29.2kg |
| Without Carton (WxDxH) | 495 x 427 x 650mm 22.9kg |

Duty Cycles

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| Recommended Monthly | Up to 10,000 pages monthly print volume |
| Maximum Monthly⁷ | Up to 150,000 pages monthly print volume |



Working with you for a better environment At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth. www.brotherearth.com

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