

SHARP

Be Original.

BP-20M24L

Digital Multifunctional System

A Handy MFP for the Modern Workspace



DOCUMENT
BUSINESS

Making your document jobs smooth and easy

Seeking an all-in-one document solution for your growing business? Here's the answer. This MFP will copy, print, and scan all your documents to a reliably high standard. And it's built with flexibility in mind. Wireless connectivity means you can set it up almost anywhere, while seamless connection with mobile devices makes it easy to share data. It works equally well as the main MFP in a small office or as an auxiliary machine in a larger office. Either way, your team will enjoy easy operation and a streamlined workflow.



GREATER EASE



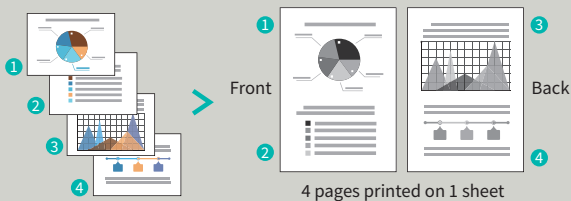
PC-Less Print and Scan

Insert a USB drive into the front port and a command screen will automatically pop up on the LCD. Right away you can print files from the USB drive or scan documents directly to the USB drive.



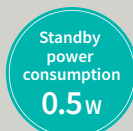
Printing Two Pages on One Sheet

Duplex printing allows printing on both sides of a sheet of paper. The MFP can also print two pages of content on the same side of a sheet of paper. Using both of these functions at the same time lets you print four pages on one sheet.



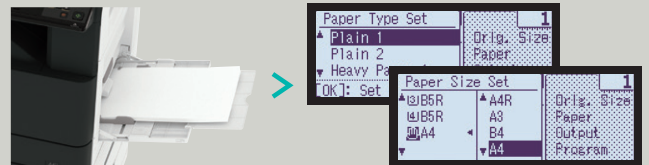
Energy Efficient

This MFP conforms to the ENERGY STAR® programme. To reduce power consumption, Sharp has applied its advanced technologies across all areas of this MFP. Energy-saving functions include a low power consumption of only 0.5 W in network standby mode.



Quick and Easy Paper Setting

When you feed paper into the multi bypass tray, a paper setting window pops up automatically on the LCD control panel. You don't need to manually call up the setting screen.



Easy-View Control Panel

The MFP's control panel is easy to view and easy to use. Along with function icons and large buttons, it features a 5-line LCD with backlight. Job Program and Scanner Program Keys let you register common functions and settings for easy, one-touch recall. No need to adjust the settings each time you use the MFP.

EASIER CONNECTION



Wireless Connectivity*

The MFP offers ultra-handy wireless access, enabling convenient access to the MFP even from places where it's difficult to connect a LAN cable.

*Requires optional MX-EB18. Availability of this option varies by country/region.

Safe and Secure

Built-in security features keep your information safe, whether it's on your device or over your network. User authentication restricts access to the MFP by requiring a password. Up to 30 users can be registered in this way.

Link with Mobile Devices*¹

Sharpdesk Mobile*²

With the Sharpdesk Mobile print/scan application, you can import documents scanned on the MFP to your mobile device for previewing and saving. Files on your mobile device can be printed out on the MFP, sent as email attachments, or used in other applications. Pairing your mobile device to the MFP can be done by simply scanning a QR Code[®] printed out from the MFP.



*1: Requires wireless connection or optional MX-EB18. Availability of this option varies by country/region.

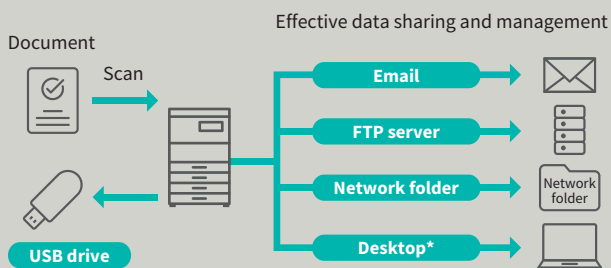
*2: Availability varies by country/region. For details, see the support website: https://global.sharp/products/copier/docu_solutions/mobile/sharpdesk_mobile/

FASTER RESULTS



Multiple Scan Destinations

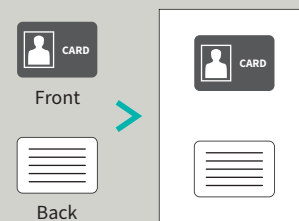
There are many ways to distribute scanned documents. They can be sent to an FTP server, to a network folder, or to a USB drive. Or they can be sent directly to a designated PC desktop* or as email attachments. You can register up to 200 scan destinations.



*Requires Network Scanner Tool Lite.

Handy ID Card Copying

The MFP has a dedicated key for easy copying of both sides of a card (e.g., an ID or credit card) onto a single page.



Quick MFP Status Check

On the control panel are two LED lamps: one red, one green. These light up to notify you—even from a distance—that, for example, the machine is “now printing” or “out of paper.”



Status lamps

SPECIFICATIONS

General

| | |
|---------------------------------------|---|
| Type | Desktop |
| Engine speed | A4 (8 1/2" x 11") ^{*1} : 24 ppm A3 (11" x 17") [*] : Max. 12 (11) ppm |
| Control panel display | 5-line LCD |
| Paper size | Max. A3 (11" x 17"), min. A6 ^{*2} (5 1/2" x 8 1/2") |
| Paper capacity (80 g/m ²) | Standard: 350 sheets (250-sheet tray and 100-sheet multi bypass tray) Maximum: 1,850 sheets (350 sheets & optional 3 x 500-sheet tray) |
| Paper weight | Tray 1: 60 g/m ² to 105 g/m ² (16 lbs bond to 28 lbs bond) Trays 2-4: 60 g/m ² to 200 g/m ² (16 lbs bond to 110 lbs index) Multi bypass tray: 55 g/m ² to 200 g/m ² (13 lbs bond to 110 lbs index) |
| Warm-up time ^{*3} | 25 sec. |
| Memory | 1 GB (copy/print shared) |
| Power requirements | Rated local AC voltage ±10%, 50/60 Hz |
| Power consumption | Max. 1.2 kW |
| Dimensions (W x D x H) | 599 x 608 x 511 mm (23 19/32" x 23 15/16" x 20 1/8") |
| Weight (approx.) | 29 kg (64.0 lbs) |

Copier

| | |
|-------------------------------|---|
| Original paper size | Max. A3 (11" x 17") |
| First copy time ^{*4} | 6.4 sec. |
| Continuous copy | Max. 999 copies |
| Resolution | Scan: 400 x 600 dpi Print: 600 x 600 dpi |
| Gradation | Equivalent to 256 levels |
| Zoom range | 25% to 400% in 1% increments |
| Preset copy ratios | Metric: 10 ratios (5R/5E), inch: 8 ratios (4R/4E) |

Scanner

| | |
|-------------------|--|
| Scan method | Push scan (via control panel) Pull scan (TWAIN-compliant application) |
| Resolution | Push scan: 100, 150, 200, 300, 400, 600 dpi ^{*5} Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 dpi to 9,600 dpi via user setting ^{*6} |
| File formats | TIFF, PDF, JPEG ^{*7} |
| Scan destinations | Scan to email/desktop ^{*8} /FTP server/network folder (SMB)/USB drive |

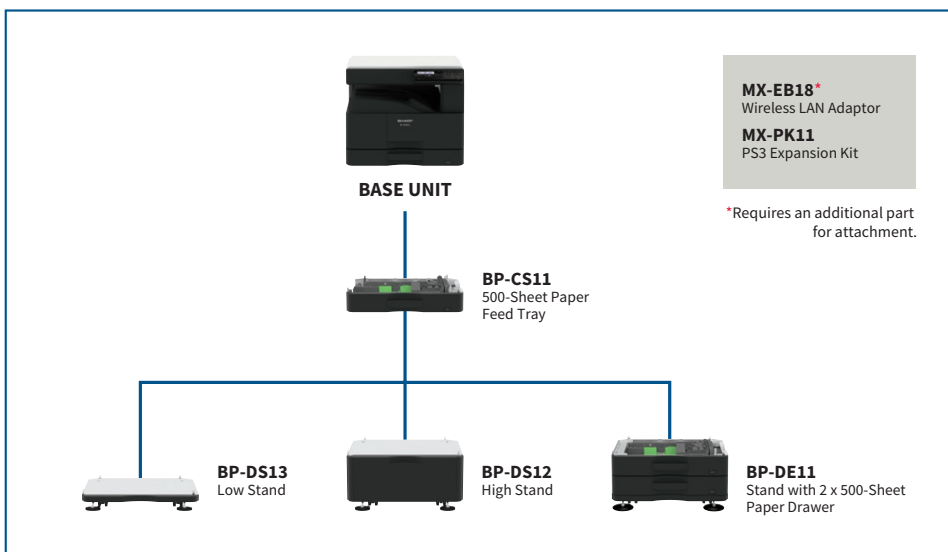
Printer

| | |
|-----------------------------|---|
| Resolution | 600 x 600 dpi |
| Interface | USB 2.0 (host, high-speed), 10Base-T/100Base-TX/1000Base-T, wireless LAN (IEEE 802.11 b/g/n) ^{*9} |
| Supported OS ^{*10} | Windows Server [®] 2012, Windows Server [®] 2012 R2, Windows Server [®] 2016, Windows Server [®] 2019, Windows [®] 8.1, Windows [®] 10, Windows [®] 11, Mac OS 10.9, 10.10, 10.11, 10.12, 10.13, 10.14, 10.15, 11, 12 TCP/IP |
| Network protocols | TCP/IP |
| Printing protocols | LPR, Raw TCP (port 9100), FTP for downloading print files, IPP, SMB, WSD |
| PDL | Standard: PCL 6 emulation Option: PostScript 3 emulation |
| Available fonts | 80 fonts for PCL, 136 fonts for PostScript 3 emulation |

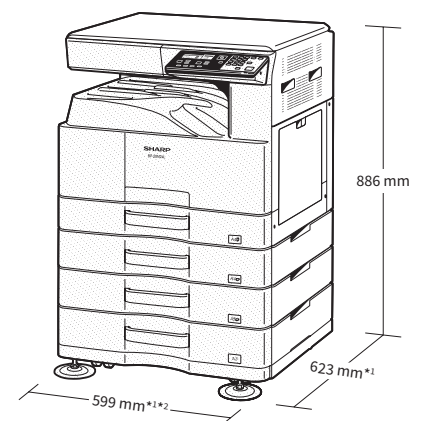
^{*1}: Long-edge feeding. ^{*2}: Short-edge feeding only. ^{*3}: In a standard measurement environment. May vary depending on operating conditions and environment. ^{*4}: Long-edge feeding of A4 (8 1/2" x 11") sheets from 1st paper tray. May vary depending on operating conditions and environment. ^{*5}: 600 x 600 dpi scanning available up to A4 (8 1/2" x 11") size. ^{*6}: Resolution will vary depending on the size of the scanned area. ^{*7}: Colour/greyscale only. ^{*8}: Requires Network Scanner Tool Lite. ^{*9}: Requires optional MX-EB18. Availability of this option varies by country/region. ^{*10}: Requires optional MX-PK11 for Mac OS.

- Design and specifications are subject to change without prior notice.
- ENERGY STAR is a registered trademark owned by the US Environmental Protection Agency. The ENERGY STAR guidelines apply to products only in the US, Canada, and Japan.
- QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and other countries. Windows and Windows Server are trademarks of the Microsoft group of companies. Mac is a trademark of Apple Inc., registered in the US and other countries. PCL is a registered trademark of Hewlett-Packard Company. PostScript is either a registered trademark or trademark of Adobe in the US and/or other countries. All other brand names and product names may be trademarks or registered trademarks of their respective owners.

SYSTEM CONFIGURATION



Certain optional equipment may not be available in some areas.



^{*1}: Including adjuster.
^{*2}: 909 mm when multi bypass tray is extended.

Shown with optional equipment.

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