



BP-20C20

A3 Colour MFP

[www.sharp.co.uk](http://www.sharp.co.uk)

**SHARP**

Be Original.

# Simplicity<sup>3</sup>

Make everyday tasks much easier. And do it all with a lot more style!

With this new generation, entry-level A3 colour MFP you can rediscover simplicity. By thinking outside the box, we've designed a new type of product to deliver essential business functionality.

If you want to print, copy, scan or fax\*<sup>1</sup> documents it gets the job done quickly and easily – even from mobile devices. And its compact design adds a real touch of style to any office.

## Simply more stylish

Why be ordinary, when you can be extraordinary. This MFP has a unique cubic design with a distinctive two-tone colour scheme. And it is one of the smallest A3 colour devices available – measuring just 56 x 56 x 65.3\*<sup>2</sup> cm. So it can fit in almost anywhere and enhance the look of your workspace, making them an ideal choice for use on office desktops or in locations with restricted space.

*They are simple to use, simple to manage and simply more stylish – it's simplicity<sup>3</sup>.*

## Simple to use

There's no complex set-up or messy cables. An optional wireless LAN lets you connect to any WiFi enabled device, so that anyone can print or scan directly from their smartphone, tablet or PC using AirPrint\*<sup>2</sup>, Google Cloud Print or the Sharpdesk Mobile app. Or insert a USB drive and simply select a file from the pop-up menu to directly print any stored documents or save scans to it without having to use a PC.



A stylish complement to any office space.



- 1 Simply more stylish**  
 Unique, attractive and compact cubic design perfect for the modern office environment.
- 2 Simple to use**  
 Easy to use business essential functionality and easy connectivity for the mobile ready\*<sup>3</sup> office.
- 3 Simple to manage**  
 Simple job status checking plus many security features to protect your sensitive business documents.

This MFP is equipped with a range of features to ensure you can work more efficiently and with the minimum of fuss. A tiltable 4", 5-line LCD control panel lets you easily view and control the various settings and options. Pop-up messages will also appear when you add various media to the bypass tray to help you quickly select paper type and size settings.

To save time and effort when you're copying documents, they automatically rotate and sort multi-page documents into sets or let you copy the front and back of ID cards onto one page. Digitising and sharing information is also quick and simple, as you can scan and send documents in full colour.

### Simple to manage

In addition, the MFP is really easy to manage. You can check the machine and job status at a glance, even from a distance, thanks to the status indicator lamps. And they automatically enter an energy saving mode if they've been inactive for a while, so you save money.

### Simply safer

Just because this MFP is really simple to use, it doesn't mean that your sensitive business information is at risk. Like all of our MFPs, it includes a range of security features designed to protect your documents:

- **User authentication** prevents any unauthorised access by requiring a password to be entered
- **Device authentication** restricts access to devices whose IP/MAC address is pre-registered
- **Advanced network encryption** keeps your information secure across the network using IPsec and SSL protocols

<sup>\*\*1</sup> Optional Fax module required - BP-FX10

<sup>\*\*2</sup> Optional Postscript required - MX-PK11

<sup>\*\*3</sup> Requires optional MX-EB18, Wireless LAN Adapter.



# Specifications

## General

<b>Engine speed</b> (ppm/cpm) (Max)	<b>A4**1</b>	<b>A3</b>
BP-20C20	20	12
<b>Control panel display</b>	4-inch 5-line mono LCD with hard key	
<b>Paper size</b> (Min – Max)	A6*2 - A3W	
<b>Paper weight</b> (g/m <sup>2</sup> )		
Drawer 1	60 - 105	
Drawers 2 - 4	60 - 220	
Multi-bypass	55 - 256	
<b>Paper capacity</b> (Std – Max)		
Sheets	350 - 1,850	
Drawers	1 - 4 (plus bypass tray)	
<b>Warm-up time**3</b> (seconds)	29**4	
<b>Memory</b> (GB)		
Copier/Printer (shared)	2	
<b>Power requirements</b>	Rated local AC voltage ±10%, 50/60 Hz	
<b>Power consumption</b> (kW) (Max)	1.84 (220 to 240V)	
<b>Dimensions</b> (mm) (W x D x H)		
BP-20C20	560 x 560 x 653	
<b>Weight</b> (kg) (approx.)		
BP-20C20	52	

## Copier

<b>Original paper size</b> (Max)	A3	
<b>First copy time**5</b> (seconds)	<b>Colour</b>	<b>B/W</b>
	11.5	8.0
<b>Continuous copies</b> (Max)	999	
<b>Print resolution</b> (dpi)		
Scan	600 x 600, 600 x 400	
Print	600 x 600	
<b>Gradation levels</b>	256	
<b>Zoom range</b> (%)	25 - 400, (25 - 200 using RSPF) in 1% increments	
<b>Preset copy ratios</b> (Metric)	10 ratios (5R/5E)	

## Network Printer

<b>Resolution</b> (dpi)	600 x 600
<b>Interface</b>	USB 2.0, 10Base-T/100Base-TX/1000Base-T
<b>Supported OS</b>	Standard: Windows Server® 2008, 2008R2, 2012, 2012R2, 2016, Windows® 7, 8.1, 10 Optional**6: Mac OS X 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12, 10.13, 10.14
<b>Network protocols</b>	TCP/IP
<b>Printing protocols</b>	LPR, Raw TCP (port 9100), FTP for downloading print files, IPP, SMB, WSD
<b>PDL</b>	Standard: PCL 6 Optional: PostScript®3™ emulation
<b>Available fonts</b>	80 fonts for PCL, 136 fonts for PostScript®3™ emulation

## Toner Yields

	Toner	
<b>BP-20C20</b>	<b>BPGT20CA/MA/YA</b>	<b>BPGT20BA</b>
Cyan (pages at 5% coverage)	10,000	-
Magenta (pages at 5% coverage)	10,000	-
Yellow (pages at 5% coverage)	10,000	-
Black (pages at 5% coverage)	-	18,000
<b>BP-20C20</b>	<b>BPGT20CB/MB/YB</b>	<b>BPGT20BB</b>
Cyan (pages at 5% coverage)	5,000	-
Magenta (pages at 5% coverage)	5,000	-
Yellow (pages at 5% coverage)	5,000	-
Black (pages at 5% coverage)	-	9,000

## Network Scanner

<b>Scan method</b>	Push scan (via control panel) Pull scan (TWAIN-compliant application)	
<b>Scan speed**7</b> (ipm)	<b>One-sided</b>	<b>Two-sided</b>
BP-20C20 37	15	
<b>Resolution</b> (dpi) (Max)		
Push scan	100, 150, 200, 300, 400, 600	
Pull scan	75, 100, 150, 200, 300, 400, 600 50 to 9,600 dpi via user setting**8	
<b>File formats</b>	TIFF, PDF, JPEG**9	
<b>Scan destinations</b>	Scan to e-mail, desktop**10, FTP server, network folder (SMB), USB memory	

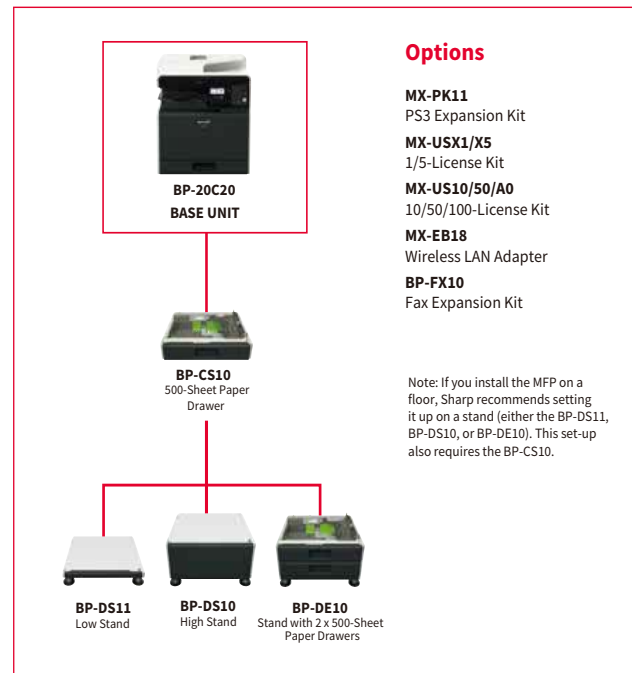
## Fax (optional FX10 required)

<b>Compression method</b>	MH/MR/MMR/JBIG
<b>Communication protocol</b>	Super G3
<b>Transmission time**11</b> (seconds)	2
<b>Modem speed</b> (bps)	33,600 – 2,400 with automatic fallback
<b>Recording width</b>	A5 - A3
<b>Memory</b> (MB)	64

## Wireless LAN (optional MX-EB18 required)

<b>Compliant regulation</b>	IEEE802.11n/g/b
<b>Access mode</b>	Infrastructure mode, Software AP mode
<b>Security</b>	WEP, WPA/WPA2-mixed PSK, WPA/WPA2-mixed EAP**12, WPA2 PSK, WPA2 EAP**12

## Configurations



\*\*1 Long-edge feeding. \*\*2 Only short-edge feeding can be used with A6 paper. \*\*3 In a standard measurement environment. May vary depending on operating conditions and environment. \*\*4 When starting via the main power switch. \*\*5 Long-edge feeding of A4 sheets from 1st paper tray, using document glass, MFP in fully ready condition. May vary depending on operating conditions and environment. \*\*6 Requires optional MX-PK11. \*\*7 Scan speeds measured in accordance with ISO/IEC 24735:2009 standard for devices equipped with an automatic document feeder only. Scan speed will vary depending on the type of document the scan settings, operating conditions and environment. Based on Sharp's A4 standard chart, using document feeder, long-edge feeding, one-sided scanning and factory default settings. \*\*8 Resolution will vary depending on the size of the scanned area. \*\*9 Colour/greyscale only. \*\*10 Based on Sharp's standard chart with approx. 700 characters (A4 short-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression. \*\*11 Not applicable to Software AP Mode.

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