



# LASERJET ENTERPRISE 600 M601 SERIES

M601n • M601dn

**HP's business pacesetter tackles high-volume printing with legendary reliability. Count on this HP LaserJet to help conserve resources, customize printing policies, and improve security.**



## Keep your workflow moving with fast output and precision paper handling

- Print at rapid speeds on a variety of paper types.
- Manage workflow with intuitive features right on the printer, and get quick prints from a flash drive.
- Produce high print volumes with low maintenance.
- Replace toner cartridges easily, and enjoy quiet, clean performance.



## Take the lead in meeting companywide conservation goals, with energy-saving features from HP

- Cut energy use as much as 45%, compared to a majority of competing laser printers,<sup>6</sup> with this Energy Star qualified printer
- Get centralized access to custom energy-saving options and printer settings with the HP EcoSMART Console.<sup>2</sup>
- Trim paper use by up to 50% with automatic two-sided printing.<sup>1</sup>
- Pre-installed Original HP toner cartridges reduce waste. Recycle them for free through HP Planet Partners.<sup>3</sup>



## Lead your business to a more responsible approach to printing and handling sensitive data

- Take control of printing practices and enforce security policies, using HP Access Control.<sup>4</sup>
- Control costs, manage IT resources, and reduce environmental impact.
- Expand your network without compromising security.
- Effectively manage compliance and security issues across your business.

## Extend your print capabilities to keep pace with your growing business

- Easily update, manage, and expand the capabilities of networked printers, and do more with your investment.
- Make printing as mobile as you are with HP ePrint.<sup>5</sup>
- Push updates to networked printers immediately and securely.

## ecoHIGHLIGHTS

### HP LaserJet Enterprise 600 M601 Series

#### ECO INFORMATION

- Save energy—HP Auto-On/Auto-Off Technology turns your printer On when you need it, Off when you don't!<sup>1</sup>
- Save paper by up to 50% using automatic two-sided printing.
- Free, convenient cartridge recycling in 54 countries.



ENERGY STAR® Qualified Product

<sup>1</sup>HP Auto-On and Auto-Off capabilities subject to printer and settings.

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.

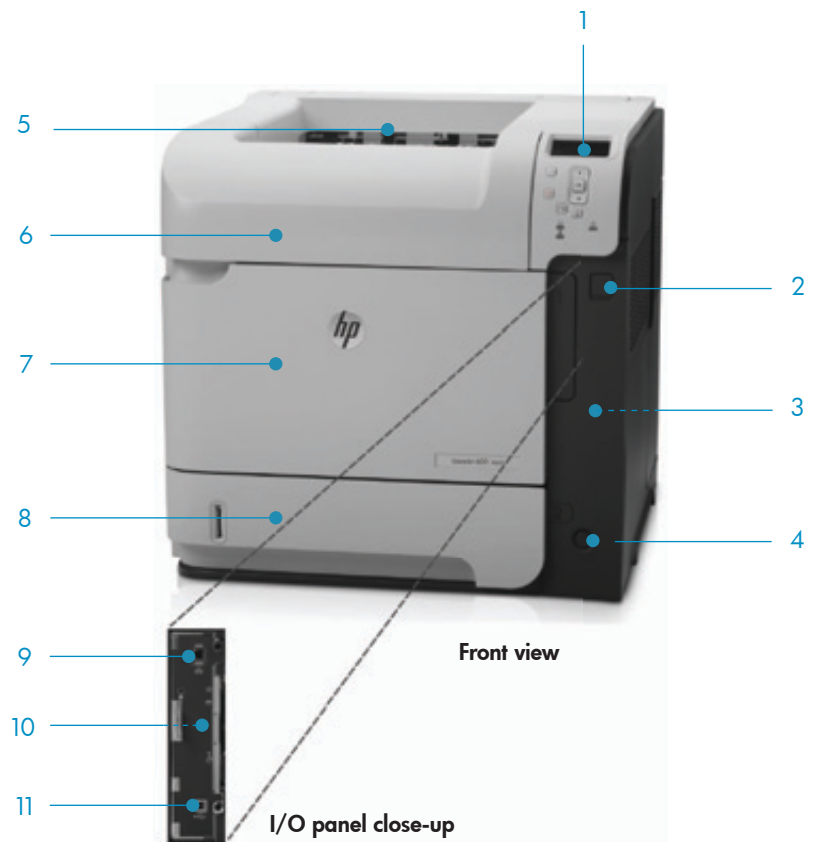


<sup>1</sup>Automatic two-sided printing is only available on the HP LaserJet Enterprise 600 M601dn Printer. The Automatic Two-sided Printing Accessory may be purchased separately for the HP LaserJet Enterprise 600 M601n Printer. <sup>2</sup>Expected availability late 2011. May require a firmware upgrade. <sup>3</sup>Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit <http://www.hp.com/recycle>. <sup>4</sup>HP Access Control must be purchased separately. <sup>5</sup>Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see <http://www.hp.com/go/eprintcenter>. Some HP LaserJet products will require a firmware upgrade. <sup>6</sup>Energy data used to calculate savings based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method vs. a majority of worldwide top-selling competitive models <\$2,299 as of March 2011 using data reported in [energystar.gov](http://energystar.gov) and [eu.energystar.org](http://eu.energystar.org) as of July 2011. Data extended to one year. Actual results may vary.

# HP LASERJET ENTERPRISE 600 M601 SERIES

- 1 Intuitive 4-line color display
- 2 Walkup USB port
- 3 Built-in automatic two-sided printing
- 4 Convenient front on/off switch
- 5 500-sheet output bin
- 6 One-door access to install all in one toner cartridges
- 7 100-sheet multipurpose tray 1 handles heavy custom media up to 53 lb bond
- 8 500-sheet input tray 2 for a 600 sheet total input capacity
- 9 HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server
- 10 512 MB total memory and an 800 MHz processor quickly handle complex print jobs
- 11 Hi-Speed USB 2.0 port

HP LaserJet Enterprise 600 M601dn Model Shown



## Series at a glance



M601n Printer



M601dn Printer

Part number	CE989A	CE990A
Print speeds	Up to 45 ppm letter	Up to 45 ppm letter
Control panel	4-line color display	4-line color display
Hardware Integration Pocket	Not available	Not available
100-sheet multipurpose tray 1	✓	✓
500-sheet tray 2	✓	✓
500-sheet tray 3	Optional	Optional
500-sheet output bin	✓	✓
Automatic two-sided printing unit	Optional	✓
Toner cartridges supported	Regular (~ 10,000 pages) <sup>1</sup>	Regular
HP High Performance Secure Hard Disk	Not available	Not available

<sup>1</sup>Declared yield value for black cartridge in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

# TOP FEATURES

The HP LaserJet Enterprise 600 M601 Printer series is HP's ultimate high-use workgroup printer, delivering advances in productivity, manageability, and security. The printer's top features are highlighted below. For a more in-depth look at these features and their benefits, see the pages that follow.

## Heavy-duty reliability and breakthrough speeds

Boost productivity with print speeds up to 45 ppm.<sup>1,2</sup> Produce documents on a variety of media, including letterhead, envelopes, labels, cardstock, and transparencies.

Oversee print jobs, check printer status, and monitor security settings directly from the printer, using the 4-line color control panel. Bypass the PC and print quickly—simply plug a flash drive directly in to the front-facing USB port.

Up to two 500-sheet paper trays and automatic two-sided printing means less paper lying around and fewer trips to reload.<sup>2</sup> Plus, a 100-sheet multipurpose tray adds versatility. Increase capacity to up to 3,600 sheets with optional media accessories.

One-door access makes it easy to replace Original HP LaserJet all-in-one toner cartridges. The updated design delivers clean, quiet performance for distraction-free printing.

## Outstanding energy and paper savings

Cut energy use as much as 45%, compared to a majority of competing laser printers.<sup>11</sup> Reduce energy use even more with HP Auto-On/Auto-Off Technology, which turns the printer on or off in response to changes in network activity.

Shrink your carbon footprint—track usage data in real time and apply custom energy-saving options, using the HP EcoSMART Console.<sup>3</sup> An embedded web server helps you control device settings to cut costs, reduce impact, and set policies on all managed printers.

Automatic two-sided printing saves up to 50% on paper and helps reduce office clutter.<sup>2</sup> Pre-installed Original HP LaserJet toner cartridges help you get up and running right away, with less packaging waste. Recycling is easy and free through HP Planet Partners.<sup>4</sup>

## Secure printing with minimal intervention

With HP Access Control,<sup>5</sup> you can apply custom rules to printing and imaging devices, and create a more secure printing environment. Track resource use, prevent waste from unclaimed documents, and offer multiple authentication options.

Command your printing environment and slash costs, with HP Web Jetadmin. Use the HP Universal Print Driver to easily update the entire managed printing environment. And add HP EcoSMART Fleet to make and manage environmental goals.<sup>6</sup>

Enhance security on multiple networked devices. The IPv6 protocol lets you easily expand your network of IP addresses, while IPsec security provides fast authentication and encryption for sensitive data.

Define and manage security policies across your business, monitor printer compliance, and update all managed printers when policies change, using the HP Imaging and Printing Security Center.

## Extensibility to meet your needs

Update, manage, and extend printer capabilities, using HP FutureSmart Firmware. Innovative extensibility simplifies the process of deploying customized HP and third-party workflow and document management solutions.

Print where business takes you. HP ePrint<sup>7</sup> offers solutions for printing within your secure company network<sup>8</sup> or printing to public locations like airports and hotels.<sup>9</sup>

Update multiple printers quickly, and ensure a direct, secure path from one printer to the rest of the fleet, with 10/100 Ethernet networking and Hi-Speed USB 2.0.

## Get the most out of your printer with HP accessories, supplies, and services.

### 500-sheet Paper Tray

Keep your workflow moving with fast output and precision paper handling. High-capacity paper trays, plus options to add more, give capacity of up to 3,600 sheets



CE998A

### HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. Choose from:

#### Optimized Care (optimum performance and stability):

4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

#### Standard Care (high level of uptime)

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

#### Basic Care (minimum recommended support)

Next Business Day Onsite Support

**4 hr Onsite Support:** Onsite support within four hours after a service call received within the coverage window

**Next Business Day Onsite Support:** Onsite service the next business day after the service call is received

**Maintenance Kit Replacement Service:** Onsite replacement of your printer's maintenance kit including parts, materials, and labor

**Installation with Network Configuration Service:** Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit [www.hp.com/go/printservices](http://www.hp.com/go/printservices)

### Printer

HP LaserJet Enterprise 600 M601 n  
HP LaserJet Enterprise 600 M601 dn

CE989A  
CE990A

### HP LaserJet Print Cartridges<sup>10</sup>

HP 90A Black LaserJet Toner Cartridge (~ 10,000 pages)

CE390A

### Accessories

HP LaserJet 500-sheet Input Tray Feeder  
HP LaserJet 1500-sheet High-capacity Input Tray  
HP LaserJet Custom Media Cassette  
HP LaserJet Automatic Duplexer for Two-sided Printing Accessory  
HP LaserJet Printer Stand  
HP LaserJet 500-sheet 5-bin Mailbox  
HP LaserJet 75-sheet Envelope Feeder  
HP LaserJet 500-sheet Stacker  
HP LaserJet 500-sheet Stapler/Stacker  
HP LaserJet 1000 Staple Cartridge Pack  
HP 512 MB 144-pin x32 DDR2 DIMM  
HP LaserJet Printer 110V Maintenance Kit  
HP LaserJet Printer 220V Maintenance Kit

CE998A  
CE398A  
CB527A  
CF062A  
CB525A  
CE997A  
CE399A  
CE404A  
CE405A  
Q3216A  
CE483A  
CF064A  
CF065A

### HP Care Pack Services

HP 3-year Next Business Day + DMR LaserJet M601 HW Support  
HP 4-year Next Business Day + DMR LaserJet M601 HW Support  
HP 5-year Next Business Day + DMR LaserJet M601 HW Support  
HP 1-year Post Warranty Next Business Day + DMR LaserJet M601 Support  
HP 2-year Post Warranty Next Business Day LaserJet M601 Hardware Support  
HP Network Install Mono-mid LaserJet SVC

HZ466E  
HZ464E  
HZ465E  
HZ477PE  
HY581PE  
UC742E

### Connectivity

HP Jetdirect 2700w USB Wireless Print Server (available early 2012)

J8026A

**Paper:** [www.hp.com/go/paper](http://www.hp.com/go/paper)

### Software

HP Web Jetadmin: [www.hp.com/go/wja](http://www.hp.com/go/wja)  
HP Easy Printer Care: [www.hp.com/go/easyprintercare](http://www.hp.com/go/easyprintercare)  
HP Universal Print Driver: [www.hp.com/go/upd](http://www.hp.com/go/upd)  
HP Install Network Printer Wizard: [www.hp.com/go/inpw\\_sw](http://www.hp.com/go/inpw_sw)

<sup>1</sup>Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see [www.hp.com/go/printerclaims](http://www.hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>2</sup>Standard and optional features vary by product and model. Please see "Series at a glance" on pages 2 for more information. <sup>3</sup>Expected availability late 2011. May require a firmware upgrade. Some solutions may not be available at product introduction. <sup>4</sup>Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit [www.hp.com/recycle](http://www.hp.com/recycle). <sup>5</sup>HP Access Control must be purchased separately. <sup>6</sup>HP Web Jetadmin is free and can be downloaded at <http://www.hp.com/go/upd>. <sup>7</sup>Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter). Some HP LaserJet products will require a firmware upgrade. <sup>8</sup>HP ePrint Enterprise requires an optional wireless accessory card: Internet- and e-mail-capable BlackBerry® smartphone OS 4.5 or newer; iPhone® 3G or newer, running iOS 4.2 or later; HP webOS devices running webOS 1.45 or 2.0; or Android™ device running version 1.4 or newer, with separately purchased wireless Internet service, HP ePrint Enterprise server software and HP ePrint services app. Solution works with PCL5/6, PCL3, PCL3GUI printers (HP and non-HP). BlackBerry requires BlackBerry Enterprise Server (BES) deployment. <sup>9</sup>HP webOS app available October 2011. <sup>10</sup>Usage of HP ePrint at mobile print locations requires Internet- and e-mail-capable smartphone with separately purchased wireless Internet service, and the HP ePrint services app. Availability and cost of printing varies by mobile print location. Visit [www.hp.com/go/eprintmobile](http://www.hp.com/go/eprintmobile) to view the list of applicable smartphones and operating systems. <sup>11</sup>HP webOS app available October 2011. <sup>12</sup>Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies). <sup>13</sup>Energy data used to calculate savings based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method vs. a majority of worldwide top-selling competitive models <\$2,299 as of March 2011 using data reported in [www.energystar.gov](http://www.energystar.gov) as of July 2011. Data extended to one year. Actual results may vary.

# HP LASERJET ENTERPRISE 600 M601 SERIES

Technical specifications	HP LaserJet Enterprise 600 M601n (CE989A)	HP LaserJet Enterprise 600 M601dn (CE990A)
Print Speed <sup>1</sup>	Black: Up to 45 ppm letter (up to 32 ppm A4)	
First Page Out <sup>2</sup>	Black (A4, ready): As fast as 8.5 sec	
HP ePrint Capability	Yes	
Printer Management	HP Web Jetadmin; HP SureSupply; HP Utility (Mac)	
Print Resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): HP FastRes 1200 (1200 dpi effective quality), 600 dpi with HP Resolution Enhancement technology	
Print Technology	Laser	
Control Panel	2.29 x 5.33 cm 4-line color LCD display, 3 LED lights (Attention, Data, Ready), buttons (Information, Stop/Cancel, Return, Home, Folder, Left Arrow), No numeric keys	
Processor	Type: ARM Cortex-A8 superscalar processor; Speed: 800 MHz	
Memory	Standard: 512 MB; Maximum: 1 GB	
Display	4-line LCD (color graphics)	
Durability Ratings	Duty cycle <sup>3</sup> : Up to 175,000 pages (A4/letter); Recommended monthly page volume <sup>4</sup> : Up to 3,000 to 12,000 pages	
Paper		
Input	Standard: Up to 600 sheets; Maximum: Up to 3,600 sheets	
Output	Standard: Up to 600 sheets (500 in the face down bin, 100 in rear face up door); Maximum: Up to 1,100 sheets (Rear face-up door: up to 100 sheets; Top output bin: up to 500 sheets; 5-bin mailbox: up to 500 sheets)	
Duplex Print Options	Manual (driver support provided)	Automatic (standard)
Media Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined	
Media Sizes	Multipurpose tray 1: letter, legal, executive, statement, 8.5 x 13 in, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelope (commercial No. 9, No. 10, Monarch), US postcard; Tray 2, optional 500-sheet input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet High-capacity input tray: letter, legal	
Media Weight	Multipurpose tray 1: 16 to 53 lb; Tray 2: 16 to 32 lb; Optional 500-sheet input tray, Custom media cassette, 1500-sheet High-capacity input tray: 16 to 32 lb; Optional Envelope feeder: 20 to 28 lb; Optional Duplexer: 16 to 32 lb	
Interfaces	1 Hi-Speed USB 2.0; 1 Gigabit Ethernet; 2 External Host USB (1 walk-up and 1 external accessible); 2 internal Host USB 2.0-like ports (for 3rd party connection)	
Languages	HP PCL 6, HP PCL 5e (HP PCL 5e driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.4)	
Network Capabilities	Via HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server (standard); 802.3az (EEE); IPsec (standard); 802.11 b/g/n wireless networking (optional)	
Fonts	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>	
Network Protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint	
Security	Management security: SNMPv3, SSL/TLS, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Dimensions (w x d x h)	16.3 x 16.9 x 15.7 in (415 x 428 x 398 mm)	16.3 x 20 x 15.7 in (415 x 508 x 398 mm)
Weight (with print cartridges)	52.1 lb (23.7 kg)	57.8 lb (26.3 kg)
System Requirements, Windows	PC: Microsoft® Windows® 7, Windows Vista®, Windows XP® (SP2 or higher), Windows® Server 2003 (SP1 or higher), Windows® Server 2008, Windows® Server 2008 R2; 200 MB available hard disk space; operating system compatible hardware system requirements, see <a href="http://www.microsoft.com">http://www.microsoft.com</a> Mac: Mac OS X v10.5, 10.6; 150 MB available hard disk space; operating system compatible hardware system requirements, see: <a href="http://www.apple.com">http://www.apple.com</a>	
What's in the Box	Printer; Right-angled power cord; Software and documentation on CD-ROM; Getting Started Guide; Support flyer; HP ePrint flyer; Warranty Guide (where applicable) M601dn: HP Black LaserJet Toner cartridge (~ 10,000 pages); Automatic duplexer for two-sided printing	
Warranty	One-year, next business day, on-site limited warranty	

## Environmental ranges

Temperature range	Operating: 15 to 32°C (59 to 89.6°F) Recommended: 15 to 32°C (59 to 89.6°F) Storage: -30 to 60°C (-22 to 140°F)
Humidity range	Operating: 10 to 80% RH Recommended: 10 to 80% RH Non-operating: 10 to 90% RH

## Acoustic<sup>6</sup>

Sound power emissions	Active, Print: 6.6 B(A), Idle/Ready: 4.4 B(A)
Sound pressure (bystander position)	Active, Print: 52 dB(A), Idle/Ready: 30 dB(A)

## Power

Power Supply Type	Internal (Built-in) power supply
Power Supply required	Input voltage: 100 to 127 VAC (± 10%), 50/60 Hz (± 3 Hz); 220 to 240 VAC (± 10%), 50/60 Hz (± 3 Hz)
Power Consumption <sup>5</sup>	790 watts (Printing), 21 watts (Ready), 5.5 watts (Sleep), 1.0 watt (Auto-Off), 0.3 watts (Manual-Off)
Typical Electricity Consumption (TEC)	3.402 kWh/Week

## Safety approvals and requirements

IEC 60950-1 (International); EN 60950-1 +A11 (EU); IEC 60825-1; UL/cUL Listed (US/Canada); GS license (Europe); EN 60825-1 (Class 1 Laser/LED Device); Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries

## Electromagnetic emission standard

CISPR 22: 2005 EN 55022: 2006 +A1 Class B, EN 61000-3-2: 2006, EN 61000-3-3: 2008, EN 55024: 1998 +A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries

<sup>1</sup>Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>2</sup>First page out time is measured from Tray 2. Exact speed varies depending on the system configuration, software application, driver and document complexity. <sup>3</sup>Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. <sup>4</sup>HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. <sup>5</sup>Measured according to ISO 7779 and declared in accordance with ISO 9296; values are subject to change. For current information, see <http://www.hp.com/support>. Configuration tested: HP LaserJet Enterprise 600 M602dn printing duplex mono on A4 paper. <sup>6</sup>Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages; this will damage the printer and void the product warranty. Power consumption in Auto-Off mode depends on customer network switch capability, user configuration and network activity. Off-mode power may vary while checking network packets for print jobs.



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