



Changes to HP Printers ENERGY STAR® Version 3.0

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Overview

ENERGY STAR® is the US government-backed symbol for **energy efficiency**, providing simple, credible, and unbiased information that consumers and businesses rely on to make well-informed decisions. Thousands of industrial, commercial, utility, state, and local organizations—including more than 40 percent of the Fortune 500®—partner with the U.S. Environmental Protection Agency (EPA) to deliver cost-saving **energy efficiency** solutions that improve air quality and protect the climate.

ENERGY STAR®¹ is an ecolabel that is directly recognized in the US and partner-countries. ENERGY STAR® is an ecolabel that is directly recognized in the US and partner-countries, and US Federal government agencies are required to purchase only ENERGY STAR certified products when available.

Partner-countries that currently have agreements with the US EPA on ENERGY STAR®: Canada, Japan, Taiwan and Switzerland.

ENERGY STAR®

ENERGY STAR® v3.0 specifications for imaging equipment is effective as of Oct. 11, 2019. Compliance is based on the date products are manufactured.

For more information on the general ENERGY STAR® v3.0 update for imaging equipment, visit the following link: https://www.energystar.gov/products/spec/imaging_equipment_specification_version_3_0_pd

System requirements

The changes listed below affect FutureSmart 4.x devices.

This document only applies to printers manufactured after October 10, 2019. Refer the [Certified Printers](#) section for the list of printers.

Product behavior changes to meet ENERGY STAR® v3.0

For HP printers to obtain the ENERGY STAR v3.0 certification, changes may be required. The following changes have been implemented in order to meet the new requirements:

- Decrease in Total Energy Consumption (TEC).
- Sleep time settings changes : Removed customer ability to disable power save.
- First Paper Out Time (FPOT) Improvements.
- Default Auto Duplex enabled.
- Updated Fax cards for LaserJet M830.
- Products that were prior to FutureSmart 3.x, will be updated to FutureSmart 4.x from the factory.
- N bundle (simplex) products cannot be ES 3.0.

ENERGY STAR® v3.0 Certified printers

The following section provides the list of certified HP printers. Products that are not listed are not certified.

¹ “ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.”

HP LaserJet Pro

HP LaserJet Pro MFP M130fn

HP LaserJet Pro MFP M130fw

HP LaserJet Pro MFP M130nw

HP LaserJet Pro MFP M148dw

HP LaserJet Pro MFP M148fdw

HP LaserJet Pro M15a

HP LaserJet Pro M15w

HP LaserJet Pro M203dw

HP LaserJet Pro MFP M227fdn

HP LaserJet Pro MFP M227fdw

HP Color LaserJet Pro M254dw

HP LaserJet Pro MFP M28w

HP LaserJet Pro MFP M29w

HP LaserJet Pro MFP M31w

HP LaserJet Pro M404dn

HP LaserJet Pro M404dw

HP LaserJet Pro MFP M428dw

HP LaserJet Pro MFP M428fdn

HP LaserJet Pro MFP M428fdw

HP Color LaserJet Pro M454dn

HP Color LaserJet Pro M454dw

HP Color LaserJet Pro MFP M479dw

HP Color LaserJet Pro MFP M479fdn

HP Color LaserJet Pro MFP M479fdw

HP LaserJet Pro M501dn

HP LaserJet Enterprise and HP LaserJet Managed

HP LaserJet Enterprise M507dn
HP LaserJet Enterprise M507dng
HP LaserJet Enterprise M507x
HP LaserJet Enterprise MFP M528dn
HP LaserJet Enterprise MFP M528f
HP LaserJet Enterprise Flow MFP M528c
HP LaserJet Enterprise Flow MFP M528z
HP Color LaserJet Enterprise M553dn
HP Color LaserJet Managed M553dnm
HP Color LaserJet Enterprise M553x
HP Color LaserJet Managed M553xm
HP Color LaserJet Enterprise Flow MFP M577c
HP Color LaserJet Enterprise MFP M577dn
HP Color LaserJet Enterprise MFP M577f
HP Color LaserJet Managed Flow MFP M577cm
HP Color LaserJet Enterprise Flow MFP M577dnm
HP Color LaserJet Enterprise MFP M577z

HP LaserJet Enterprise M607dn
HP LaserJet Enterprise M608dn
HP LaserJet Enterprise M608x
HP LaserJet Enterprise M609dh
HP LaserJet Enterprise M609dn
HP LaserJet Enterprise M609x
HP LaserJet Enterprise Flow MFP M631h
HP LaserJet Enterprise MFP M631dn
HP LaserJet Enterprise MFP M631z
HP LaserJet Enterprise MFP M632fht
HP LaserJet Enterprise MFP M632h
HP LaserJet Enterprise Flow MFP M632z
HP LaserJet Enterprise Flow MFP M633z
HP LaserJet Enterprise MFP M633fh
HP Color LaserJet Enterprise M652dn
HP Color LaserJet Enterprise M653dh

HP Color LaserJet Enterprise M653dn
HP Color LaserJet Enterprise M653x
HP Color LaserJet Enterprise MFP M681dh
HP Color LaserJet Enterprise MFP M681f
HP Color LaserJet Enterprise Flow MFP M681f
HP Color LaserJet Enterprise Flow MFP M681z
HP Color LaserJet Enterprise Flow MFP M682z

HP LaserJet Enterprise 700 M712dn
HP LaserJet Enterprise 700 M712xh
HP LaserJet Enterprise MFP M725dn*
HP LaserJet Enterprise MFP M725f*
HP LaserJet Enterprise MFP M725z*
HP LaserJet Enterprise MFP M725z+*
HP Color LaserJet Enterprise M751dn
HP Color LaserJet Enterprise m776dn
HP Color LaserJet Enterprise m776z
HP Color LaserJet Enterprise m776zs

HP LaserJet Enterprise M806dn*
HP LaserJet Enterprise M806x+*
HP LaserJet Enterprise flow MFP M830z *
HP LaserJet Enterprise flow MPF M830z (with NFC and Wireless Direct) *
HP LaserJet Enterprise flow MPF M830zm
HP Color LaserJet Enterprise M856dn
HP Color LaserJet Enterprise M856x
HP Color LaserJet Enterprise flow MFP M880z *
HP Color LaserJet Enterprise flow MFP M880z+ *
HP Color LaserJet Enterprise flow MFP M880z+ *(with NFC and Wireless Direct)
HP Color LaserJet Enterprise flow MFP M880zm
HP Color LaserJet Enterprise flow MFP M880zm+

HP LaserJet Managed E50145dn
HP LaserJet Managed MFP E52645c
HP LaserJet Managed MFP E52645dn
HP Color LaserJet Managed E55040dn
HP Color LaserJet Managed E55040dw

HP Color LaserJet Managed Flow MFP E57540c

HP Color LaserJet Managed MFP E57540dn

HP LaserJet Managed E60055dn

HP LaserJet Managed E60065dn

HP LaserJet Managed E60065x

HP LaserJet Managed E60155dn

HP LaserJet Managed E60165dn

HP LaserJet Managed E60175dn

HP LaserJet Managed MFP E62555dn

HP LaserJet Managed Flow MFP E62565h

HP LaserJet Managed Flow MFP E62565hs

HP LaserJet Managed Flow MFP E62565z

HP LaserJet Managed MFP E62655dn

HP LaserJet Managed MFP E62665hs

HP LaserJet Managed Flow MFP E62665h

HP LaserJet Managed Flow MFP E62665z

HP Color LaserJet Managed E65050dn

HP Color LaserJet Managed E65060dn

HP Color LaserJet Managed E65150dn

HP Color LaserJet Managed E65160dn

HP Color LaserJet Managed MFP E67550dh

HP Color LaserJet Managed MFP E67550f

HP Color LaserJet Managed Flow MFP E67560z

HP Color LaserJet Managed MFP E67650dh

HP Color LaserJet Managed Flow MFP E67660z

HP Color LaserJet Managed E75245dn

HP LaserJet Managed MFP E82540dn

HP LaserJet Managed MFP E82540du

HP LaserJet Managed flow MFP E82540z

HP LaserJet Managed MFP E82550dn

HP LaserJet Managed MFP E82550du

HP LaserJet Managed flow MFP E82550z

HP LaserJet Managed MFP E82560du
HP LaserJet Managed MFP E82560dn
HP LaserJet Managed flow MFP E82560z
HP Color LaserJet Managed E85055dn
HP Color LaserJet Managed MFP E87640du
HP Color LaserJet Managed MFP E87640dn
HP Color LaserJet Managed flow MFP E87640z
HP Color LaserJet Managed MFP E87650du
HP Color LaserJet Managed MFP E87650dn
HP Color LaserJet Managed flow MFP E87650z
HP Color LaserJet Managed MFP E87660du
HP Color LaserJet Managed MFP E87660dn
HP Color LaserJet Managed flow MFP E87660z

HP PageWide

HP PageWide Pro 377dw MFP
HP PageWide pro 452dn Printer
HP PageWide pro 452dw Printer
HP PageWide Pro 477dn MFP
HP PageWide Pro 477dw MFP

HP PageWide Pro 552dw Printer
HP PageWide Enterprise Color 556dn
HP PageWide Pro 577dw MFP
HP PageWide Enterprise Color MFP 586dn
HP PageWide Enterprise Color MFP 586f
HP PageWide Enterprise Color Flow MFP 586z

HP PageWide Color 755dn
HP PageWide Enterprise Color 765dn
HP PageWide Color MFP 774dn
HP PageWide Color MFP 774dns
HP PageWide Color MFP 779dn
HP PageWide Color MFP 779dns
HP PageWide Enterprise Color MFP 780dn
HP PageWide Enterprise Color MFP 780dns
HP PageWide Enterprise Color Flow MFP 785f

HP PageWide Enterprise Color Flow MFP 785zs
HP PageWide Enterprise Color Flow MFP 785z+

HP PageWide Managed Color E55650dn
HP PageWide Managed Color MFP E58650dn
HP PageWide Managed Color MFP E58650z
HP PageWide Managed Color E75160dn
HP PageWide Managed Color Flow MFP E776dn
HP PageWide Managed Color Flow MFP E776dns
HP PageWide Managed Color Flow MFP E776z
HP PageWide Managed Color Flow MFP E776z+
HP PageWide Managed Color Flow MFP E776zs
HP PageWide Managed Color Flow MFP E77650zs
HP PageWide Managed Color Flow MFP E77650z+
HP PageWide Managed Color Flow MFP E77650z+
HP PageWide Managed Color MFP E77660dn
HP PageWide Managed Color MFP E77660dns
HP PageWide Managed Color Flow MFP E77660zs
HP PageWide Managed Color Flow MFP E77660zts
HP PageWide Managed Color Flow MFP E77660z
HP PageWide Managed Color Flow MFP E77660z+

HP PageWide Managed P55250dw
HP PageWide Managed P57750dw MFP
HP PageWide Managed Color P75250dn

HP PageWide Managed Color MFP P77440dn
HP PageWide Managed Color MFP P77940dn
HP PageWide Managed Color MFP P77940dns
HP PageWide Managed Color MFP P77950dn
HP PageWide Managed Color MFP P77950dns
HP PageWide Managed Color MFP P77960dn
HP PageWide Managed Color MFP P77960dns

***Note:** Firmware can be downgraded to FutureSmart 3.0 for ENERGY STAR v3.0 certified products shipped with FutureSmart firmware version 4.x (where “x” indicates a number).

ENERGY STAR® v3.0 Non-Certified printers

This section provides a list of non-certified printers for Energy Star version 3.

HP LaserJet Pro

HP Color LaserJet Pro MFP M180n

HP Color LaserJet Pro MFP M180nw

HP Color LaserJet Pro MFP M181fw

HP Color LaserJet Pro MFP M280nw

HP Color LaserJet Pro MFP M281cdw

HP Color LaserJet Pro MFP M281fdn

HP Color LaserJet Pro MFP M281fdw

HP LaserJet Pro M304a

HP LaserJet Pro M305d

HP LaserJet Pro M305dn

HP Color LaserJet Pro MFP M377dw

HP LaserJet Pro M402d

HP LaserJet Pro M402n

HP LaserJet Pro M402dn

HP LaserJet Pro M402dne

HP LaserJet Pro M402dw

HP LaserJet Pro M403d

HP LaserJet Pro M403dn

HP LaserJet Pro M403dw

HP LaserJet Pro M403n

HP LaserJet Pro M404d

HP LaserJet Pro M404n

HP LaserJet Pro M405d

HP LaserJet Pro M405dn

HP LaserJet Pro M405dw

HP LaserJet Pro M405n

HP LaserJet Pro MFP M426dw

HP LaserJet Pro MFP M426fdn
HP LaserJet Pro MFP M426fdw
HP LaserJet Pro MFP M426m
HP LaserJet Pro MFP M427dw
HP LaserJet Pro MFP M427fdn
HP LaserJet Pro MFP M427fdw
HP LaserJet MFP M433a
HP LaserJet Pro M435nw
HP LaserJet MFP M436n
HP LaserJet MFP M436dn
HP LaserJet MFP M436ndf
HP Color LaserJet Pro M452dn
HP Color LaserJet Pro M452dw
HP Color LaserJet Pro M452nw
HP Color LaserJet Pro M454nw
HP Color LaserJet Pro MFP M477fdn
HP Color LaserJet Pro MFP M477fdw
HP Color LaserJet Pro MFP M477fnw
HP Color LaserJet Pro MFP M479fnw

HP LaserJet Pro M501n
HP LaserJet Pro MFP M521dn
HP LaserJet Pro MFP M521dw
HP LaserJet Pro 500 color MFP M570dn
HP LaserJet Pro 500 color MFP M570dw

HP LaserJet Pro M701a
HP LaserJet Pro M701n
HP LaserJet Pro M706n

HP Color LaserJet Pro CP5225n
HP Color LaserJet Pro CP5225dn

HP LaserJet Enterprise and HP LaserJet Managed

HP LaserJet Enterprise M506dh
HP LaserJet Enterprise M506dn
HP LaserJet Enterprise M506dnm

HP LaserJet Enterprise M506dw
HP LaserJet Enterprise M506n
HP LaserJet Enterprise M506x
HP LaserJet Enterprise M506xm
HP LaserJet Enterprise MFP M527cm
HP LaserJet Enterprise MFP M527dn
HP LaserJet Enterprise MFP M527dnm
HP LaserJet Enterprise MFP M527f
HP LaserJet Enterprise Flow MFP M527c
HP LaserJet Enterprise Flow MFP M527z
HP Color LaserJet Enterprise MFP M552dn
HP Color LaserJet Enterprise M553dh
HP Color LaserJet Enterprise M553n

HP Color LaserJet Enterprise M625n

HP LaserJet Enterprise 700 M712n
HP Color LaserJet Enterprise M750dn
HP Color LaserJet Enterprise M750n
HP Color LaserJet Enterprise M750xh
HP Color LaserJet Enterprise M751n
HP LaserJet Enterprise 700 color MFP M775dn
HP LaserJet Enterprise 700 color MFP M775f
HP LaserJet Enterprise 700 color MFP M775z
HP LaserJet Enterprise 700 color MFP M775z+
HP Color LaserJet Managed MFP 775fm
HP Color LaserJet Managed MFP 775zm

HP Color LaserJet Enterprise M855dn
HP Color LaserJet Enterprise M855x+
HP Color LaserJet Enterprise M855xh

HP LaserJet Managed E50045dw
HP LaserJet Managed E60075dn
HP LaserJet Managed E60075x

HP LaserJet Managed Flow MFP E62675z

HP LaserJet Managed MFP E72425a*

HP LaserJet Managed MFP E72425dv*

HP LaserJet Managed MFP E72425dn *

HP LaserJet Managed MFP E72430dn *

HP LaserJet Managed MFP E72525dn *

HP LaserJet Managed MFP flow E72525z *

HP LaserJet Managed MFP E72530dn *

HP LaserJet Managed MFP flow E72530z *

HP Color LaserJet Managed MFP E77422a*

HP Color LaserJet Managed MFP E77422dv*

HP Color LaserJet Managed MFP E77422dn *

HP Color LaserJet Managed MFP E77428dn *

HP Color LaserJet Managed flow MFP E77822z *

HP Color LaserJet Managed MFP E77822dn *

HP Color LaserJet Managed MFP E77825dn *

HP Color LaserJet Managed flow MFP E77825z *

HP Color LaserJet Managed MFP E77830dn *

HP Color LaserJet Managed flow MFP E77830z *

HP LaserJet MFP M72625dn

HP LaserJet MFP M72630dn

HP PageWide

HP PageWide Managed Color MFP P77940dn+

***Note:** These products, built prior to October 11, 2019, are certified to ENERGY STAR® v2.0. Limited quantities will be available within impacted regions until new ENERGY STAR® v3.0 certified models are available in Spring 2020. Please contact your HP Sales Account Representative for more information.



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