

Environmental Profile Sheet

Canon's imageFORCE 1643 Series incorporates technologies with a strong environmental focus at every stage of the product lifecycle—Produce, Use, and Recycle. The technologies listed below focus on Energy Conservation, Resource Conservation, and Pollution Prevention and form the foundation of Canon's Environmental Management System.

	Energy Conservation	Resource Conservation	Pollution Prevention
In order to help reduce dependence on petroleum-based materials, Canon uses 100% reused plastics .*			
A variety of sleep recovery triggers help encourage the use of Sleep Mode , helping to minimize power consumption.			
Power consumption in Sleep Mode is as low as 1.0 W!			
Low Typical Electricity Consumption (TEC) values , which measure power consumption during a one-week period.			
Power consumption is reduced by utilizing White LED array technology in its Color Image Reader versus using a traditional Xenon tube!			
RAPID Fusing technologies help reduce power consumption and limit the warm-up period .			
Low Melting Temperature Toner helps reduce fusing temperature requirements .			
All suppliers are required to meet Canon's stringent Green Procurement policy and environmental terms. This helps Canon exceed the tough European Union's RoHS Directive, which controls/restricts the use of certain hazardous substances .			
Each system is equipped with paper-, toner-, and energy-saving features that help to cut costs and conserve resources .			

*Excluding a small amount of additives to improve physical properties.

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imageFORCE 1643P



imageFORCE 1643/1643F

imageFORCE 1643 Series Environmental Specs

System Type

1643/1643F: Laser/A4 Monochrome Multifunction Printer
1643P: Laser/A4 Monochrome Single-function Printer

Functions

1643: Print (UFR II, PCL6, PCL5, Adobe® PostScript®3™), Copy, Scan, Send
1643F: Print (UFR II, PCL6, PCL5, Adobe® PostScript®3™), Copy, Scan, Send, Fax
1643P: Print (UFR II, PCL6, PCL5, Adobe® PostScript®3™)

Operation Panel

1643/1643F: 7" TFT LCD WVGA Color Touch Panel
1643P: 5 Line LCD

Warm-up Time From Power On¹

1643/1643F: Quick Startup Mode On: Approx. 4 Seconds or less
Quick Startup Mode OFF: Approx. 40 Seconds or less
1643P: Quick Startup Mode ON: Approx. 2 Seconds or less
Quick Startup Mode OFF: Approx. 22 Seconds or less

Recovery Time²

1643/1643F: From Sleep Mode: Approx. 20 Seconds or less
1643P: From Sleep Mode: Approx. 5 Seconds or less

Power Requirements

1643/1643F: AC110-127V: 6.4A, 60Hz
1643P: AC110-127V: 6.2A, 60Hz

Power Consumption

Maximum: Approx. 1,400 W or less
Sleep Mode: Sleep: Approx. 1.0 W³
Copying/Printing: 1643/1643F: 508 W
1643P: 470 W

Plug-in: 0.10 W

One Week TEC: 1643/1643F: 0.39 kWh or less
1643P: 0.37 kWh or less

One Year TEC:⁴ 1643/1643F: 20.3 kWh or less
1643P: 19.2 kWh or less

Plug: NEMA 5-15P

Dimensions (W x D x H)

1643/1643F: 18-7/8" x 20-3/8" x 18"
(480 x 518 x 458 mm)
1643P: 16-1/8" x 14-7/8" x 10-7/8"
(409 x 376 x 275 mm)

Installation Space (W x D)

1643/1643F: Fully Configured:
18-7/8" x 30-3/4" (480 x 780 mm) (Cassette and Back Door Opened)
1643P: Fully Configured:
16-1/8" x 26-1/4" (409 x 667 mm) (Cassette and Back Door Opened)

Weight⁵

1643/1643F: Standard: Approx. 55.1 lb. (25 kg)
1643P: Standard: Approx. 35.3 lb. (16 kg)

Noise Levels (LwA,m [B])⁶

Standby:⁷ 1643/1643F: 3.7 B
1643P: 3.4 B
Copying/Printing:⁷ 1643/1643F: 6.4 B
1643P: 6.5 B

Recycled Content

Recycled Device Material:⁸ 1643/1643F: 25%
1643P: 10%

Recycled Paper Support

100% Post-consumer Content: YES

Environmental Standards Compliance

ENERGY STAR® certified
Achieved EPEAT Silver

Environment-conscious Features

Two-sided, Copy Sample, Confirmation/Cancel, Image Combination, ID Card Copy, Secured Print, Job Forwarding, Department ID Management, Access Management System, Authentication (Universal Login Manager), Standard Duplex Driver, Auto/Weekly Sleep Timer, Auto/Weekly Shutdown Timer

¹ Time from device power-on until print ready (not print reservation).

² Sleep by soft switch after startup.

³ Sleep mode is not available in all circumstances due to certain settings.

⁴ Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.2.

⁵ Includes consumables.

⁶ 1[B] = 10[db].

⁷ Measured in accordance with ISO7796. Presented in accordance with ISO9296.

⁸ Percentage based on weight of recycled content.



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