

## Top 100 Global Innovators

\*As per the Clarivate Top 100 Global Innovators 2023 list announced by global information services firm Clarivate plc.

## Less E-Waste - 84% less consumables vs IC models

Material weight comparison of consumables (including packaging) for same printing volume between Epson ink cartridges of WF2630 series and Epson ink bottles of L6200/5200/4200/3200/1200 & ET4800/3800/2800/1800 series.

## Less E-Waste - 1 ink bottle = 3 toners

Quoted figure belongs to one of the top 3 single-function mono laser printers.

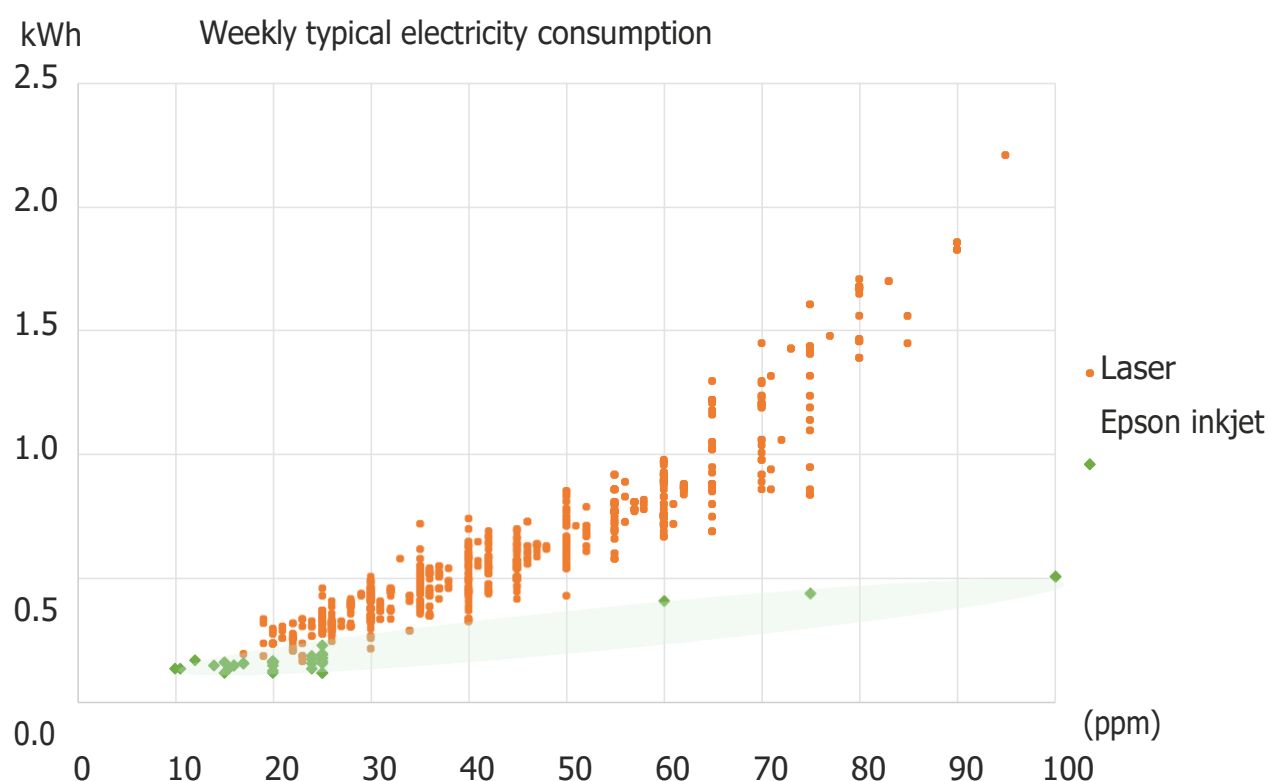
Model	Part Number	Page Yield
Canon imageCLASS LBP6030B	Cartridge 925	1,600
Canon imageCLASS MF3010	Cartridge 925	1,600
Epson EcoTank M100	C13T774198 / Black Ink Bottle	6,000
Epson EcoTank M200	C13T774198 / Black Ink Bottle	6,000
Epson EcoTank M205	C13T774198 / Black Ink Bottle	6,000
Epson EcoTank M105	C13T774198 / Black Ink Bottle	6,000
Epson EcoTank M2140	C13T03Q198 / Black Ink Bottle	6,000
Epson EcoTank M2170	C13T03Q198 / Black Ink Bottle	6,000
Epson EcoTank M3170	C13T03Q198 / Black Ink Bottle	6,000
Epson EcoTank M3180	C13T03Q198 / Black Ink Bottle	6,000

## Avoided 609,135 tons of CO<sub>2</sub> emissions world-wide from consumables

The size of the reduction in consumables CO<sub>2</sub> emissions was calculated by comparing the cumulative number of ink bottles sold up to April 2022 with the number of ink cartridges required to print the same amount and converting their weight into a CO<sub>2</sub> equivalent. CO<sub>2</sub> emissions were calculated based on Epson's evaluation conditions, which take into account the impacts from consumables materials and parts manufacturing. Actual CO<sub>2</sub> emissions will vary depending on customer printer use.

### Low Power Consumption

The graph below plots the weekly typical electricity consumption (TEC) of laser and Epson inkjet printers.



All A4/A3 Monochrome & Color Electro-photographic models with outputs of 100 ppm or less (excluding Digital Front End) which are posted on [energystar.gov](http://energystar.gov) as of May 16, 2022. Typical electricity consumption (TEC) for Epson inkjet printers are calculated by Epson based on the ENERGY STAR® TEC test method criteria. Electricity consumption will vary according to the customer printer use. TEC (Typical Electricity Consumption) refers to the power consumption for one week ( five days when operation and sleep/off are repeated + two days when sleep/off) assuming the use of a standard printer usage in the office.

Epson inkjet product list (The following is for the US at 115V, but TEC is almost the same in other voltage regions.)

Model Number	Print Speed (ppm)	TEC (kWh)
WF - C21000 series	100	0.51
WF - M21000 series	100	0.51
WF - C20750 series	75	0.44
WF - C20600 series	60	0.41
WF - 879R series	25	0.23
WF - 878R series	25	0.20
WF - C8690 series	25	0.19
WF - C8190 series	25	0.18
WF - 4830 series	25	0.18
WF - 3820 series	25	0.17
WF - 4820 series	25	0.16
WF - 7840 series	25	0.12
WF - 7820 series	25	0.12
WF - C579R series	24	0.19
WF - C529R series	24	0.18
WF - M5299 series	24	0.16
ET - 5850 / L6500 series	24	0.14
ST - M3000 / ET - M3180 series	20	0.17
ET - M3170 series	20	0.16
WF - 3730 series	20	0.15
ET - M2170 series	20	0.13
ST - M1000 / M1180 series	20	0.12
ET - 8500 / L8160 series	16	0.15
ET - 8550 / L8180 series	16	0.15
WF - 2860 / 2880 series	14	0.15
ET - 15000 / L14150 series	12	0.17
ET - 3850 / L6270 series	15.5	0.14
ET - 4750 / L6190 series	15	0.16
ET - 3830 / L6260 series	15	0.12
ET - 2850 / L4260 series	10.5	0.14
ET - 2800 / L3260 series	10	0.14
ET - 5170 / L6490 series	17	0.16
ET - 5150 / L6460 series	17	0.16

Typical electricity consumption (TEC) for Epson inkjet printers are calculated by Epson based on the ENERGY STAR® TEC test method criteria. Electricity consumption will vary according to the customer printer use.

## Low Printing Cost

Cost Per Print (CPP) is calculated based on quoted page yield, composite ink bottles, and the maximum price of Epson ink bottles.

L-Series printers

### Cost Per Print (CPP)

Total Colour Cost Per Print - 25 Poisha (CMY) + 12 Poisha (K) = 36 Poisha. Cost Per Print (CPP) is calculated based on quoted Page Yield for Black (4,500 pages) and Composite (Cyan/Magenta/Yellow - 7,500 Pages) ink bottles, and MRP of Epson ink bottles. Quoted yields are based on the ISO 24711/24712 patterns of mixed text and colour graphics with Epson methodology. Quoted yields are based on the replacement ink bottles purchased. Part of the ink from the included bottles is used for printer startup so yields could be lower than those of replacement ink bottles. Actual yields vary due to reasons including images printed, print settings, temperature and humidity. All inks are used for both black and colour printing. Quoted CPP applicable for L3200, L3210, L3211, L3212, L3215, L3216, L3250, L3251, L3252, L3255, L3256, L3260.

M-Series printers

### Cost Per Print (CPP)

Cost Per Print (CPP) Cost per print - 15 Poisha for M series is calculated based on quoted yield of 6,000 (Black) pages and MRP of Epson Ink Bottle. Quoted yields are extrapolated based on Epson original methodology from the print structure provided in ISO/IEC 19752. Quoted yields are based on the replacement ink bottles purchased. Part of the ink from the included bottles is used for printer startup so yields could be lower than those of replacement ink bottles. Actual yields vary due to reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink colour. Ink is used for both printing and printhead maintenance.

Page yields for 40 ml and 120/140 ml ink bottles

Yield of 2,000 pages with 40mL ink bottle and yield of 6,000 pages with 120/140 mL ink bottles.

## Use up to 30% recycled plastic for hardware

Ratio to the amount of plastic weight. The amount of recycled contents and recycled material varies depending on the model, manufacturing time, and site. Applicable to L6200/L4200 series.

## Over 80% recycled cardboard

Our cardboard utilises wood fibres, all of which are 80% recycled.

## 16% improved transport efficiency

Comparison of the number of units that can be loaded per container between L3150 series & L3250 series.

## Assembled using 100% renewable electricity

Main assembly plant Philippines & Indonesia only.

## Epson will transition to 100% renewable electricity at all Epson sites by 2023

<https://corporate.epson/en/news/2021/211027.html>

All sites referenced in this release excludes leased properties for sales offices, etc., where the amount of electricity cannot be determined.

## 50% more efficient than ENERGY STAR<sup>®</sup> requirement

We are making energy-saving efforts such as minimising the power consumption during sleep mode. Energy consumption during sleep mode comparison based on ENERGY STAR Program Requirements. For more information, visit [www.energystar.gov](http://www.energystar.gov)