

Printers

Printing for Claxby Parish Council

All prices taken from Curry's website 22/12/2023

| Printer Name | Cost of printer | Cartridge type | Cost of black cartridge | Pages (at 5% coverage) | Pages (at 10% coverage) | Cost per Page (10% coverage) | Pages Per Min | Double Sided | Tray Capacity | Duty Cycle per month | Cost per page d/s | Cost per Newsletter |
|-------------------------|-----------------|----------------|-------------------------|------------------------|-------------------------|------------------------------|---------------|--------------|---------------|----------------------|-------------------|-----------------------|
| CANON PIXMA TS3355 | £34.99 | PG-545 | £18.45 | 180 | 90 | £0.21 | 7.7 | Manual | 60 | n/s | £0.42 | £84.00 |
| HP ENVY 6032e | £45.00 | HP 305 | £15.49 | 120 | 60 | £0.26 | 10 | Automatic | 100 | 100-400 | £0.53 | £105.27 |
| CANON PIXMA TS7450i | £79.99 | PG-560 | £19.99 | 180 | 90 | £0.22 | 13 | Automatic | 100 | 1200 | £0.45 | £90.84 |
| HP ENVY Inspire 7924e | £119.99 | HP 303 | £17.99 | 200 | 100 | £0.18 | 15 | Automatic | 125 | 1000 | £0.37 | £73.96 |
| Epson Workforce WF-7820 | £129.99 | Epson 405 | £17.49 | 350 | 175 | £0.10 | 36 | Automatic | 250 | 1500 | £0.21 | £41.98 |
| Epson Workforce WF-7820 | £129.99 | Epson 405XL | £38.99 | 1100 | 550 | £0.07 | 36 | Automatic | 250 | 1500 | £0.15 | £30.36 |
| Epson Workforce WF-7840 | £259.00 | Epson 405XXL | £55.49 | 2200 | 1100 | £0.05 | 36 | Automatic | 2x250 | 50000 | £0.11 | £22.18 40ml cartridge |
| Epson Ecotank ET-1810 | £159.99 | Epson 104 | £32.90 | 4500 | 2250 | £0.01 | 10 | Manual | 100 | n/s | £0.04 | £7.85 65ml bottles |

There are problems with this type of printer – to be highlighted in the F&S meeting

Newsletter = d/s x 200 Cost per page d/s = 2 x single sided + 0.01 for sheet of paper

Epson Workforce WF-7820 and WF-7840 will print A3

All printers will scan and copy except Epson Ecotank (print only) Epson Ecotank etc Ink absorber problems

Calculations done for Black cartridge only

All prices are for using OE cartridges

What Does Duty Cycle Mean? The duty cycle of a printer, stated simply, is the maximum number of prints that a machine can produce in a month. Its primary purpose is as a unit of measurement for the lifespan of printers; it signifies the maximum capacity of how much a machine can print or copy in a given month.

Also can be defined as:- the duty cycle of a printer refers to the estimated number of pages the device is capable of printing in a given period of time without failing or causing damage to the machine.

<https://www.toneriant.co.uk/blog/2014/08/how-many-pages-will-my-cartridge-print-before-it-runs-out/>