

Consumption / Model	bizhub C451	bizhub C550	bizhub C450	bizhub 600
Copying (in WATT)	1089.96	1040.36	920	1068
Stand By Mode	225.4	203.88	220	271
Low Power Mode	51	48	127	230.3
Sleep Mode	19.9	18.9	21	1.4

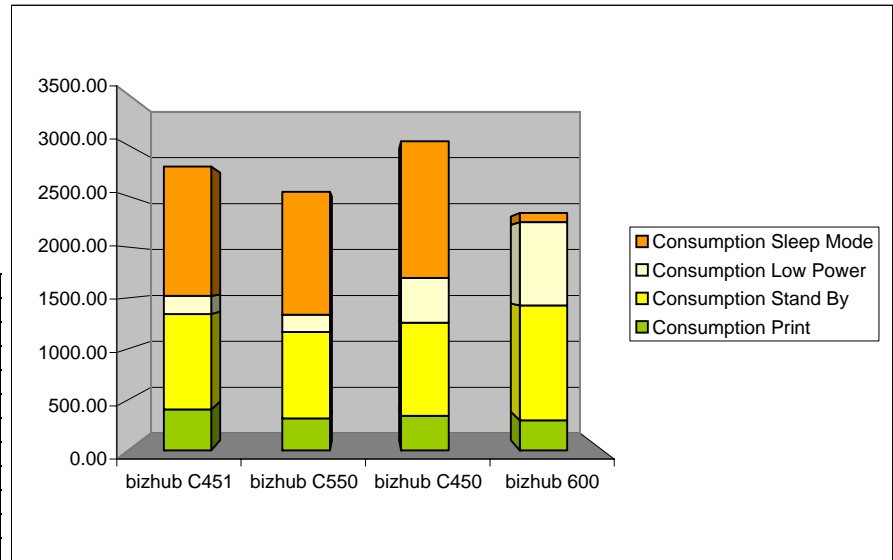
### Mode description

Copying	Machine is running a copy job
Stand By Mode	Machine is in ready status. Fusing unit and system is at 100%
Lower Power Mode	Machine system is running. panel is off, fusing temperature is reduced
Sleep Mode	Machine system is running, panel is off, fusing unit is off

### A) Estimation of 1 year power consumption

Working days 225  
 Working time 8 hours  
 Machine is switched off on weekends  
 Machine is in sleep mode during non working hours (Mo-Fr)  
 Print Volume is 20.000 sheets per months - Daily volume (20k / 20days) 1000 sheets  
 Print time is based on bw speed  
 Print jobs are based on 20 pages per jobs ->1000/20 = 50 jobs -> 50x Stand By Mode / 50x Low Power Mode  
 Low Power Mode will be activated after 5 Minutes  
**Cost per kW (£) = 0.1**

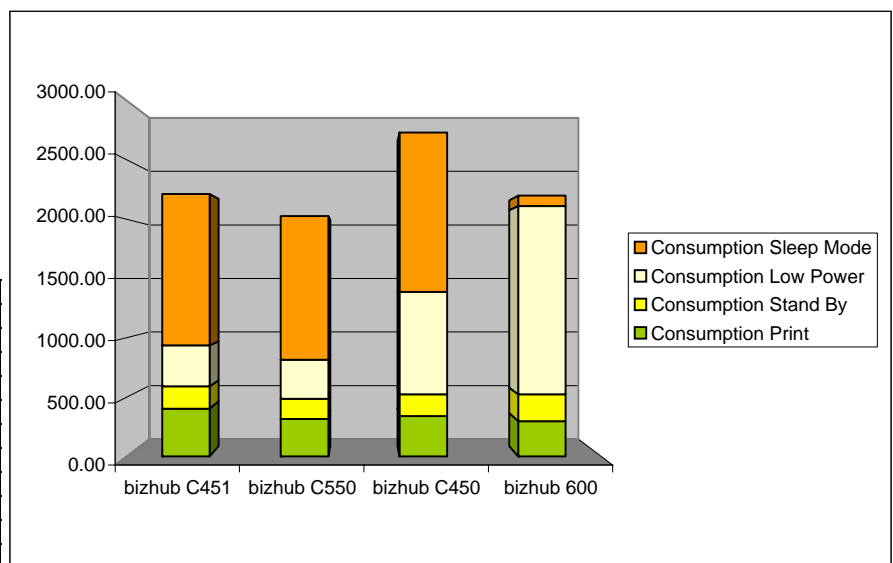
Power Consumption	bizhub C451	bizhub C550	bizhub C450	bizhub 600
Print Time (min)	22.20	18.20	22.20	16.70
Consumption Print	403.29	315.58	340.40	297.26
Stand By Time (min)	250.00	250.00	250.00	250.00
Consumption Stand By	939.17	849.50	916.67	1129.17
Low Power Time (min)	207.80	211.80	207.80	213.30
Consumption Low Power	176.63	169.44	439.84	818.72
Sleep Mode Time (min)	3840.00	3840.00	3840.00	3840.00
Consumption Sleep Mode	1273.60	1209.60	1344.00	89.60
Total Consumption per day (WATT)	2792.68	2544.12	3040.91	2334.74
Total Consumption per year (WATT)	628353.42	572426.07	684204.75	525317.21
Yearly Power Consumption Cost (£)	62.84	57.24	68.42	52.53



### B) Estimation of 1 year power consumption

Working days 225  
 Working time 8 hours  
 Machine is switched off on weekends  
 Machine is in sleep mode during non working hours (Mo-Fr)  
 Print Volume is 20.000 sheets per months - Daily volume (20k / 20days) 1000 sheets  
 Print time is based on bw speed  
 Print jobs are based on 20 pages per jobs ->1000/20 = 50 jobs -> 50x Stand By Mode / 50x Low Power Mode  
 Low Power Mode will be activated after 1 Minute  
**Cost per kW (£) = 0.1**

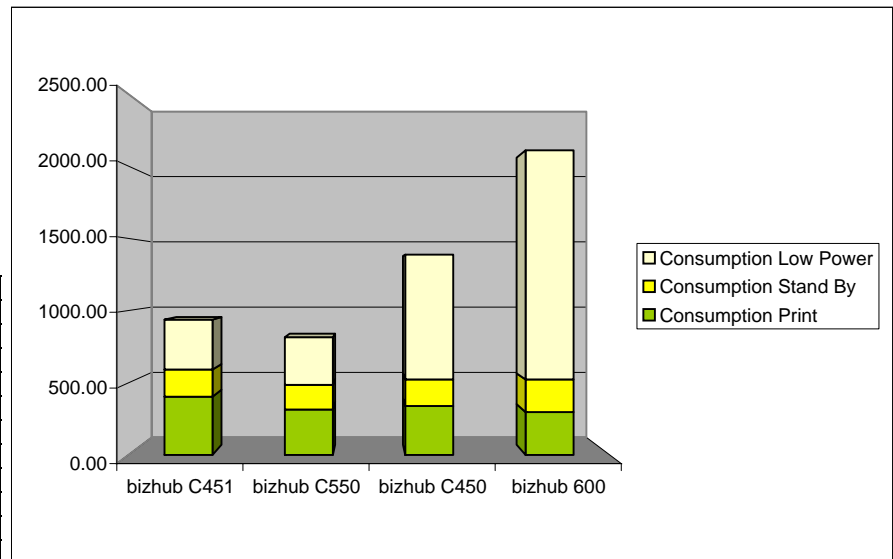
Power Consumption	bizhub C451	bizhub C550	bizhub C450	bizhub 600
Print Time (min)	22.20	18.20	22.20	16.70
Consumption Print	403.29	315.58	340.40	297.26
Stand By Time (min)	50.00	50.00	50.00	50.00
Consumption Stand By	187.83	169.90	183.33	225.83
Low Power Time (min)	407.80	411.80	407.80	413.30
Consumption Low Power	346.63	329.44	863.18	1586.38
Sleep Mode Time (min)	3840.00	3840.00	3840.00	3840.00
Consumption Sleep Mode	1273.60	1209.60	1344.00	89.60
Total Consumption per day (WATT)	2211.35	2024.52	2730.91	2199.08
Total Consumption per year (WATT)	497553.42	455516.07	614454.75	494792.21
Yearly Power Consumption Cost (£)	49.76	45.55	61.45	49.48



### C) Estimation of 1 year power consumption

Working days 225  
 Working time 8 hours  
 Machine is switched off on weekends  
 Machine is **switched off** during non working hours (Mo-Fr)  
 Print Volume is 20.000 sheets per months - Daily volume (20k / 20days) 1000 sheets  
 Print time is based on bw speed  
 Print jobs are based on 20 pages per jobs ->1000/20 = 50 jobs -> 50x Stand By Mode / 50x Low Power Mode  
 Low Power Mode will be activated after 1 Minute  
**Cost per kW (£) = 0.1**

Power Consumption	bizhub C451	bizhub C550	bizhub C450	bizhub 600
Print Time (min)	22.20	18.20	22.20	16.70
Consumption Print	403.29	315.58	340.40	297.26
Stand By Time (min)	50.00	50.00	50.00	50.00
Consumption Stand By	187.83	169.90	183.33	225.83
Low Power Time (min)	407.80	411.80	407.80	413.30
Consumption Low Power	346.63	329.44	863.18	1586.38
Sleep Mode Time (min)	0.00	0.00	0.00	0.00
Consumption Sleep Mode				
Total Consumption per day (WATT)	937.75	814.92	1386.91	2109.48
Total Consumption per year (WATT)	210993.42	183356.07	312054.75	474632.21
Yearly Power Consumption Cost (€)	21.10	18.34	31.21	47.46



### C) Estimation of 1 year power consumption for C30P

Working days 225  
 Working time 8 hours  
 Machine is switched off on weekends  
 Machine is **switched off** during non working hours (Mo-Fr)  
 Print Volume is 5000 sheets per months - Daily volume (5k / 20days) 250 sheets  
 Print time is based on bw speed  
 Print jobs are based on 5 pages per jobs ->250/5 = 50 jobs -> 50x Stand By Mode / 50x Low Power Mode  
 Low Power Mode will be activated after 5 Minute  
**Cost per kW (£) = 0.1**

Power Consumption	bizhub C451
Print Time (min)	7.10
Consumption Print	88.75
Stand By Time (min)	250.00
Consumption Stand By	1041.67
Low Power Time (min)	222.90
Consumption Low Power	74.30
Sleep Mode Time (min)	0.00
Consumption Sleep Mode	
Total Consumption per day (WATT)	1204.72
Total Consumption per year (WATT)	271061.25
Yearly Power Consumption Cost (£)	27.11

Consumption / Mode	bizhub C30P
Copying (in WATT)	750
Stand By Mode	250
Low Power Mode	20
Sleep Mode	na

Consumption / Model	bizhub C451	bizhub C550	Xerox WC7655	Ricoh Aficio 3260C
Copying (in WATT)	1089.96	1040.36	1104	1680
Stand By Mode	225.4	203.88	285	400
Low Power Mode	51	48	218	236
Sleep Mode	19.9	18.9	23.7	85

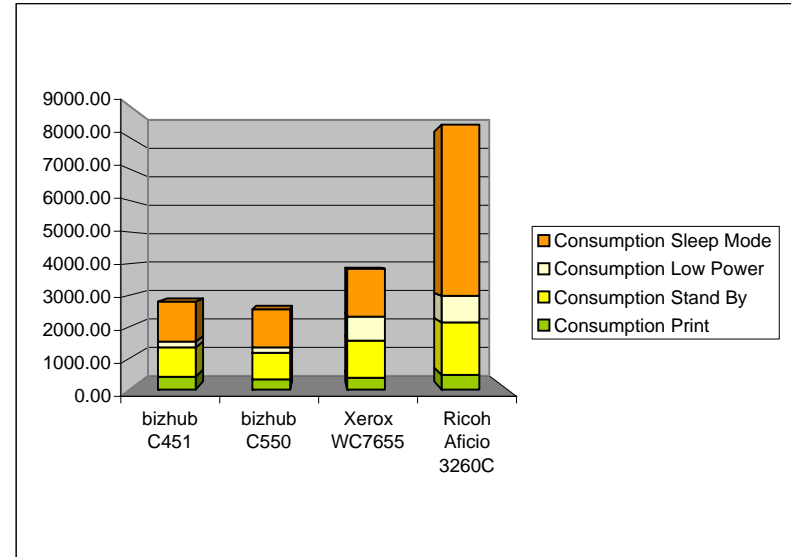
### Mode description

Copying	Machine is running a copy job
Stand By Mode	Machine is in ready status. Fusing unit and system is at 100%
Lower Power Mode	Machine system is running. panel is off, fusing temperature is reduced
Sleep Mode	Machine system is running, panel is off, fusing unit is off

### A) Estimation of 1 year power consumption

Working days 225  
Working time 8 hours  
Machine is switched off on weekends  
Machine is in sleep mode during non working hours (Mo-Fr)  
Print Volume is 20.000 sheets per months - Daily volume (20k / 20days) 1000 sheets  
Print time is based on bw speed  
Print jobs are based on 20 pages per jobs ->1000/20 = 50 jobs -> 50x Stand By Mode / 50x Low Power Mode  
Low Power Mode will be activated after 5 Minutes  
**Cost per kW (£) = 0.1**

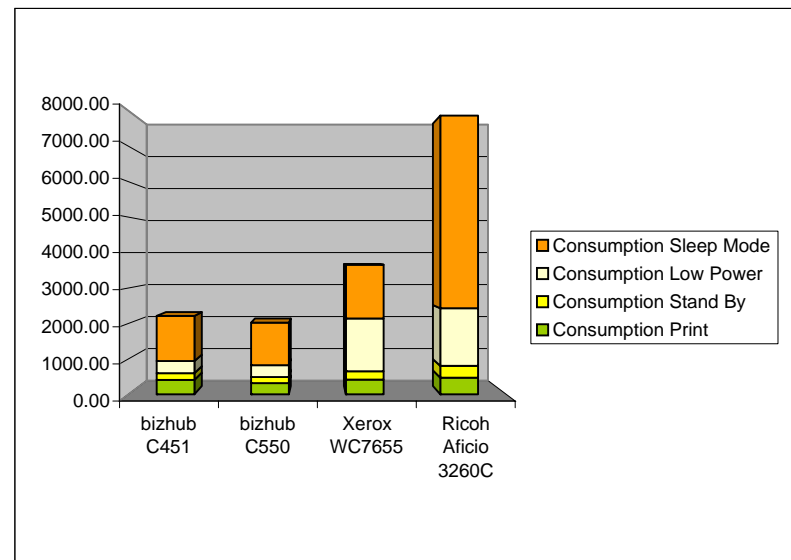
Power Consumption	bizhub C451	bizhub C550	Xerox WC7655	Ricoh Aficio 3260C
Print Time (min)	22.20	18.20	20.00	16.70
Consumption Print	403.29	315.58	368.00	467.60
Stand By Time (min)	250.00	250.00	250.00	250.00
Consumption Stand By	939.17	849.50	1187.50	1666.67
Low Power Time (min)	207.80	211.80	210.00	213.30
Consumption Low Power	176.63	169.44	763.00	838.98
Sleep Mode Time (min)	3840.00	3840.00	3840.00	3840.00
Consumption Sleep Mode	1273.60	1209.60	1516.80	5440.00
Total Consumption per day (WATT)	2792.68	2544.12	3835.30	8413.25
Total Consumption per year (WATT)	628353.42	572426.07	862942.50	1892980.50
Yearly Power Consumption Cost (€)	62.84	57.24	86.29	189.30



### B) Estimation of 1 year power consumption

Working days 225  
Working time 8 hours  
Machine is switched off on weekends  
Machine is in **sleep mode** during non working hours (Mo-Fr)  
Print Volume is 20.000 sheets per months - Daily volume (20k / 20days) 1000 sheets  
Print time is based on bw speed  
Print jobs are based on 20 pages per jobs ->1000/20 = 50 jobs -> 50x Stand By Mode / 50x Low Power Mode  
Low Power Mode will be activated after 1 Minute  
**Cost per kW (£) = 0.1**

Power Consumption	bizhub C451	bizhub C550	Xerox WC7655	Ricoh Aficio 3260C
Print Time (min)	22.20	18.20	22.20	16.70
Consumption Print	403.29	315.58	408.48	467.60
Stand By Time (min)	50.00	50.00	50.00	50.00
Consumption Stand By	187.83	169.90	237.50	333.33
Low Power Time (min)	407.80	411.80	410.00	413.30
Consumption Low Power	346.63	329.44	1489.67	1625.65
Sleep Mode Time (min)	3840.00	3840.00	3840.00	3840.00
Consumption Sleep Mode	1273.60	1209.60	1516.80	5440.00
Total Consumption per day (WATT)	2211.35	2024.52	3652.45	7866.58
Total Consumption per year (WATT)	497553.42	455516.07	821800.50	1769980.50
Yearly Power Consumption Cost (£)	49.76	45.55	82.18	177.00



### C) Estimation of 1 year power consumption

Working days 225  
Working time 8 hours  
Machine is switched off on weekends  
Machine is **switched off** during non working hours (Mo-Fr)  
Print Volume is 20.000 sheets per months - Daily volume (20k / 20days) 1000 sheets  
Print time is based on bw speed  
Print jobs are based on 20 pages per jobs ->1000/20 = 50 jobs -> 50x Stand By Mode / 50x Low Power Mode  
Low Power Mode will be activated after 1 Minute  
**Cost per kW (£) = 0.1**

Power Consumption	bizhub C451	bizhub C550	Xerox WC7655	Ricoh Aficio 3260C
Print Time (min)	22.20	18.20	22.20	16.70
Consumption Print	403.29	315.58	408.48	467.60
Stand By Time (min)	50.00	50.00	50.00	50.00
Consumption Stand By	187.83	169.90	237.50	333.33
Low Power Time (min)	407.80	411.80	410.00	413.30
Consumption Low Power	346.63	329.44	1489.67	1625.65
Sleep Mode Time (min)	0.00	0.00	0.00	0.00
Consumption Sleep Mode				
Total Consumption per day (WATT)	937.75	814.92	2135.65	2426.58
Total Consumption per year (WATT)	210993.42	183356.07	480520.50	545980.50
Yearly Power Consumption Cost (£)	21.10	18.34	48.05	54.60

