

Quick Wins 2007

Key: Yellow indicates a new product group added to Quick Wins 2003 List.

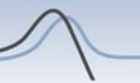
	Product type	The 2003 'Quick Win' specification	2007 Minimum Procurement Specifications	Justification for 2007 specification																														
Nr	OFFICE SUPPLIES																																	
1.	Personal computers	<i>Energy saving:</i> Computer to meet current 'Energy Star' requirements	<ul style="list-style-type: none"> • Energy consumption on mode < 74W • Consumes 15 Watts or less in low-power mode (equivalent to Energy Star Computers requirement issued 1st July 1999, see Table below) • Energy-efficiency specifications based on power supply. • Automatically enter a low-power "sleep" mode after a period of inactivity. • Factory-enabled to enter sleep when on network • Include mechanisms through which the low-power modes of qualified monitors can be activated. • Facility to return product at end-of-life, free of charge <table border="1"> <thead> <tr> <th>Computer Delivery Date</th> <th>Guidelines</th> <th colspan="2">Power Consumption</th> </tr> <tr> <td></td> <td></td> <th>Power Supply (PS)</th> <th>Watts (W) in Sleep Mode (SM)</th> </tr> </thead> <tbody> <tr> <td rowspan="6">PC Delivered After 1st July, 2000</td> <td rowspan="6">Shall enter a sleep mode within 30 minutes of inactivity If shipped with network capability, shall sleep on networks and respond to wake events</td> <td colspan="2">Guideline A:</td> </tr> <tr> <td>PS < 200W</td> <td>SM < 15W</td> </tr> <tr> <td>200W < PS < 300W</td> <td>SM < 20W</td> </tr> <tr> <td>300W < PS < 350W</td> <td>SM < 25W</td> </tr> <tr> <td>350W < PS < 400W</td> <td>SM < 30W</td> </tr> <tr> <td>PS > 400W</td> <td>< 10% of power supply's maximum continuous output rating</td> </tr> <tr> <td></td> <td></td> <td colspan="2">Guideline B</td> </tr> <tr> <td></td> <td></td> <td colspan="2">< 15% of power supply's maximum continuous output rating</td> </tr> </tbody> </table>	Computer Delivery Date	Guidelines	Power Consumption				Power Supply (PS)	Watts (W) in Sleep Mode (SM)	PC Delivered After 1 st July, 2000	Shall enter a sleep mode within 30 minutes of inactivity If shipped with network capability, shall sleep on networks and respond to wake events	Guideline A:		PS < 200W	SM < 15W	200W < PS < 300W	SM < 20W	300W < PS < 350W	SM < 25W	350W < PS < 400W	SM < 30W	PS > 400W	< 10% of power supply's maximum continuous output rating			Guideline B				< 15% of power supply's maximum continuous output rating		<p>Data taken from MTP's Evidence Base (Policy Brief ICT)</p> <p>Average of models in EC Energy Star database</p>
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2.	CRT computer monitors	<i>Energy saving:</i> Monitor to meet current 'Energy Star' requirements	<ul style="list-style-type: none"> • Energy consumption on mode < 100.4W • Consumes 4W or less in sleep mode and 2W or less in off mode (equivalent to Energy Star Monitors requirement issued 1st January 2005) 	<p>Data taken from MTP's Evidence Base (Policy Brief ICT)</p> <p>Average of models in EC Energy Star database</p>																														

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3.	LCD computer monitors	-	<ul style="list-style-type: none"> • Energy consumption on mode < 37.1W • Consumes 4W or less in sleep mode and 2W or less in off mode (equivalent to Energy Star Monitors requirement issued 1st January 2005) 	<p>Data taken from MTP's Evidence Base (Policy Brief ICT)</p> <p>Average of models in EC Energy Star database</p>																																				
4.	Portable computers	<p>Energy saving: Maximum off-mode consumption of < 2 watts</p>	<ul style="list-style-type: none"> • Consumes 15W or less in sleep mode (equivalent to Energy Star Computers requirement issued 1st July 1999, see Table below) • Energy-efficiency specifications based on power supply. • Automatically enter a low-power "sleep" mode after a period of inactivity. • Factory-enabled to enter sleep when on network • Include mechanisms through which the low-power modes of qualified monitors can be activated. • Facility to return product at end-of-life, free of charge <table border="1" data-bbox="831 756 1816 1200"> <thead> <tr> <th data-bbox="831 756 972 852">Computer Delivery Date</th> <th data-bbox="972 756 1245 852">Guidelines</th> <th colspan="2" data-bbox="1245 756 1816 788">Power Consumption</th> </tr> <tr> <td data-bbox="831 788 972 852"></td> <td data-bbox="972 788 1245 852"></td> <th data-bbox="1245 788 1487 852">Power Supply (PS)</th> <th data-bbox="1487 788 1816 852">Watts (W) in Sleep Mode (SM)</th> </tr> </thead> <tbody> <tr> <td data-bbox="831 852 972 1107">PC Delivered After 1st July, 2000</td> <td data-bbox="972 852 1245 1107">Shall enter a sleep mode within 30 minutes of inactivity</td> <td colspan="2" data-bbox="1245 852 1816 884">Guideline A:</td> </tr> <tr> <td data-bbox="831 884 972 916"></td> <td data-bbox="972 884 1245 916"></td> <td data-bbox="1245 884 1487 916">PS < 200W</td> <td data-bbox="1487 884 1816 916">SM < 15W</td> </tr> <tr> <td data-bbox="831 916 972 948"></td> <td data-bbox="972 916 1245 948"></td> <td data-bbox="1245 916 1487 948">200W < PS < 300W</td> <td data-bbox="1487 916 1816 948">SM < 20W</td> </tr> <tr> <td data-bbox="831 948 972 979"></td> <td data-bbox="972 948 1245 979"></td> <td data-bbox="1245 948 1487 979">300W < PS < 350W</td> <td data-bbox="1487 948 1816 979">SM < 25W</td> </tr> <tr> <td data-bbox="831 979 972 1011"></td> <td data-bbox="972 979 1245 1011"></td> <td data-bbox="1245 979 1487 1011">350W < PS < 400W</td> <td data-bbox="1487 979 1816 1011">SM < 30W</td> </tr> <tr> <td data-bbox="831 1011 972 1107"></td> <td data-bbox="972 1011 1245 1107">If shipped with network capability, shall sleep on networks and respond to wake events</td> <td data-bbox="1245 1011 1487 1107">PS > 400W</td> <td data-bbox="1487 1011 1816 1107">< 10% of power supply's maximum continuous output rating</td> </tr> <tr> <td data-bbox="831 1107 972 1200"></td> <td data-bbox="972 1107 1245 1200"></td> <td data-bbox="1245 1107 1487 1200">Guideline B</td> <td data-bbox="1487 1107 1816 1200">< 15% of power supply's maximum continuous output rating</td> </tr> </tbody> </table>	Computer Delivery Date	Guidelines	Power Consumption				Power Supply (PS)	Watts (W) in Sleep Mode (SM)	PC Delivered After 1 st July, 2000	Shall enter a sleep mode within 30 minutes of inactivity	Guideline A:				PS < 200W	SM < 15W			200W < PS < 300W	SM < 20W			300W < PS < 350W	SM < 25W			350W < PS < 400W	SM < 30W		If shipped with network capability, shall sleep on networks and respond to wake events	PS > 400W	< 10% of power supply's maximum continuous output rating			Guideline B	< 15% of power supply's maximum continuous output rating	<p>Data taken from MTP's Evidence Base (Policy Brief ICT)</p>
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5.	Laser Printers	-	<ul style="list-style-type: none"> Energy consumption is equivalent to Energy Star Printers requirement issued 1st November 2001. Standard Size Printers and Printer/Fax Combinations (designated to accommodate primarily A3, A4, or 8.5" x 11" sized paper) <table border="1" data-bbox="835 435 1722 675"> <thead> <tr> <th>Product Speed in Pages Per Minute (ppm)</th> <th>Sleep Mode (Watts)</th> <th>Default Time to Sleep Mode</th> </tr> </thead> <tbody> <tr> <td>0 < ppm < 10</td> <td>< 10</td> <td>< 5 minutes</td> </tr> <tr> <td>10 < ppm < 20</td> <td>< 20</td> <td>< 15 minutes</td> </tr> <tr> <td>20 < ppm < 30</td> <td>< 30</td> <td>< 30 minutes</td> </tr> <tr> <td>30 < ppm < 44</td> <td>< 40</td> <td>< 60 minutes</td> </tr> <tr> <td>44 < ppm</td> <td>< 75</td> <td>< 60 minutes</td> </tr> </tbody> </table> Colour Printers (designed to accommodate primarily A3, A4, or 8.5" x 11" sized paper) <table border="1" data-bbox="835 738 1722 906"> <thead> <tr> <th>Product Speed in Pages per minute (ppm)</th> <th>Sleep Mode (Watts)</th> <th>Default Time to Sleep Mode</th> </tr> </thead> <tbody> <tr> <td>0 < ppm < 10</td> <td>< 35</td> <td>< 30 minutes</td> </tr> <tr> <td>10 < ppm < 20</td> <td>< 45</td> <td>< 60 minutes</td> </tr> <tr> <td>20 < ppm</td> <td>< 70</td> <td>< 60 minutes</td> </tr> </tbody> </table> Can print double-sided Buy cartridges from suppliers that offer a take-back scheme to recycle used cartridges Automatically enter a low-power "sleep" mode after a period of inactivity, see table above. If the product is shipped with the capability to be on a network, it shall have the ability to enter a Sleep Mode while on the network. If the product has the capability to be on a network, it shall retain in Sleep Mode its ability to respond to wake events directed or targeted to the product while on a network. 	Product Speed in Pages Per Minute (ppm)	Sleep Mode (Watts)	Default Time to Sleep Mode	0 < ppm < 10	< 10	< 5 minutes	10 < ppm < 20	< 20	< 15 minutes	20 < ppm < 30	< 30	< 30 minutes	30 < ppm < 44	< 40	< 60 minutes	44 < ppm	< 75	< 60 minutes	Product Speed in Pages per minute (ppm)	Sleep Mode (Watts)	Default Time to Sleep Mode	0 < ppm < 10	< 35	< 30 minutes	10 < ppm < 20	< 45	< 60 minutes	20 < ppm	< 70	< 60 minutes	<p>Data taken from MTP's Evidence Base (Policy Brief ICT)</p> <p>Energy Star, see Energy Star Printers for detail and other printer specifications</p>
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6.	Scanners	-	<ul style="list-style-type: none"> Automatically enter a low-power "sleep" mode of less than or equal to 12W within 15 minutes of inactivity (equivalent to Energy Star Scanners requirement as of 15.09.2005) 	<p>Data taken from MTP's Evidence Base (Policy Brief ICT) and Energy Star, see Energy Star Scanners</p>																														



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7.	Photocopiers	-	<ul style="list-style-type: none"> Standard sized copiers. Energy consumption is equivalent to Energy Star Copiers requirement issued 1st July 1997. (cpm = copies per minute) <table border="1" data-bbox="835 368 1805 624"> <tr> <td>Copier Speed</td> <td>0 < cpm < 20</td> <td>20 < cpm < 44</td> <td>44 < cpm</td> </tr> <tr> <td>Low-Power Mode (Watts)</td> <td>None</td> <td>3.85 x cpm + 5</td> <td>3.85 x cpm + 5</td> </tr> <tr> <td>Low-Power Default Time</td> <td>NA</td> <td>15 minutes</td> <td>15 minutes</td> </tr> <tr> <td>Recovery Time 30 seconds</td> <td>NA</td> <td>Yes</td> <td>Recommended</td> </tr> <tr> <td>Off Mode (Watts)</td> <td>≤ 5</td> <td>≤ 15</td> <td>≤ 20</td> </tr> <tr> <td>Off Mode Default Time</td> <td>≤ 30 minutes</td> <td>≤ 60 minutes</td> <td>≤ 90 minutes</td> </tr> <tr> <td>Automatic Duplex Mode</td> <td>No</td> <td>Optional</td> <td>Optional</td> </tr> </table> <ul style="list-style-type: none"> Large format copiers. Energy consumption is equivalent to Energy Star Copiers requirement issued 1st July 1999. (cpm = copies per minute) <table border="1" data-bbox="835 719 1825 911"> <thead> <tr> <th>Copier Speed</th> <th>Low-Power Mode (Watts)</th> <th>Low-Power Default Time</th> <th>Recovery Time 30 Seconds</th> <th>Off Mode (Watts)</th> <th>Off Mode Default Time</th> <th>Automatic Duplex Mode</th> </tr> </thead> <tbody> <tr> <td>0 < cpm < 40</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>≤ 10</td> <td>≤ 30 min.</td> <td>No</td> </tr> <tr> <td>40 < cpm</td> <td>3.85 x cpm + 5</td> <td>15 min.</td> <td>Recommended</td> <td>≤ 20</td> <td>≤ 90 min.</td> <td>No</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Automatically enter "low-power" and/or "off" modes after a period of inactivity. Energy-efficiency specifications based on copier speed. Separate specifications available for large/wide-format models. Double-sided copying on standard-sized machines that copy at 20 pages or faster per minute is a recommended default option. Buy cartridges from suppliers that offer a take-back scheme to recycle used cartridges 	Copier Speed	0 < cpm < 20	20 < cpm < 44	44 < cpm	Low-Power Mode (Watts)	None	3.85 x cpm + 5	3.85 x cpm + 5	Low-Power Default Time	NA	15 minutes	15 minutes	Recovery Time 30 seconds	NA	Yes	Recommended	Off Mode (Watts)	≤ 5	≤ 15	≤ 20	Off Mode Default Time	≤ 30 minutes	≤ 60 minutes	≤ 90 minutes	Automatic Duplex Mode	No	Optional	Optional	Copier Speed	Low-Power Mode (Watts)	Low-Power Default Time	Recovery Time 30 Seconds	Off Mode (Watts)	Off Mode Default Time	Automatic Duplex Mode	0 < cpm < 40	NA	NA	NA	≤ 10	≤ 30 min.	No	40 < cpm	3.85 x cpm + 5	15 min.	Recommended	≤ 20	≤ 90 min.	No	<p>Data taken from MTP's Evidence Base (Policy Brief ICT) Energy Star, see Energy Star Copiers</p>
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8.	Faxes	-	<ul style="list-style-type: none"> Energy consumption is equivalent to Energy Star Faxes requirement issued 1st November 2000. For Standard Size Printer/Fax Combinations, see Laser Printers above. Stand Alone Fax Machine (designed to accommodate primarily A4, or 8.5" x 11" sized paper) <table border="1"> <thead> <tr> <th>Product Speed in Pages per minute (ppm)</th> <th>Sleep Mode (Watts)</th> <th>Default Time to Sleep Mode</th> </tr> </thead> <tbody> <tr> <td>0 < ppm < 10</td> <td>< 10</td> <td>< 5 minutes</td> </tr> <tr> <td>10 < ppm</td> <td>< 15</td> <td>< 5 minutes</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Automatically enter a low-power "sleep" mode after a period of inactivity. If the product is shipped with the capability to be on a network, it shall have the ability to enter a Sleep Mode while on the network. If the product has the capability to be on a network, it shall retain in Sleep Mode its ability to respond to wake events directed or targeted to the product while on a network. Can print double-sided. Buy cartridges from suppliers that offer a take-back scheme to recycle used cartridges. 	Product Speed in Pages per minute (ppm)	Sleep Mode (Watts)	Default Time to Sleep Mode	0 < ppm < 10	< 10	< 5 minutes	10 < ppm	< 15	< 5 minutes	Data taken from MTP's Evidence Base (Policy Brief ICT) and the Energy Star, see Energy Star Faxes
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0 < ppm < 10	< 10	< 5 minutes											
10 < ppm	< 15	< 5 minutes											
9.	Mobile Phones	-	<ul style="list-style-type: none"> Recharger to comply with portable power supplies specification 10. Free end-of-life return to manufacturer made available 	Data taken from MTP's Evidence Base (Policy Brief ICT)									
10.	Portable Power Supplies	-	<ul style="list-style-type: none"> 1W or less 	Data taken from MTP's Evidence Base (Policy Brief External Power Supplies) Poor = >1W Code of Conduct = 1W Best Practice = 0.75W Top Performers = 0.5W									
11.	Copying paper	Recycled content: 100% recycled Minimum of 75% post-consumer waste	<ul style="list-style-type: none"> 100% recycled content 										



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12.	Paper for printed publications	Recycled content: Minimum 60% (of which 75% post-consumer waste)	<ul style="list-style-type: none"> • 50% recycled content with a 'best in class' standard of 75%. All Departments are expected to move towards 75% and achieve full compliance by October 2009. 	
13.	Envelopes		<ul style="list-style-type: none"> • 100% recycled content for general use • 60% recycled content for mailing system envelopes (i.e. for automated envelope stuffing). • Any virgin pulp used to come from trees that were legally harvested and preferably grown in sustainably managed forests 	<ul style="list-style-type: none"> • WRAP suggests that these requirements are proposed as Quick Win specifications by Government and subject to stakeholder consultation prior to formal adoption. (A study currently being commissioned by WRAP will provide expert advice on recycled content in mailing system envelopes. • Government Policy, see Defra 1 and Defra 2
	OTHER EQUIPMENT			

