



Technical Documentation for EU Regulation 2019/424 laying down ecodesign requirements for servers and data storage product pursuant to Directive 2009/125/EC

7/25/2025

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Product Information			
Machine Type(s)	Model(s)	Part Number	Product Type
9043	MRU	-	Resilient server (4 socket) - Rack Drawer System

Manufacturer's name, registered trade name and registered trade address:

IBM
Marca Registrada
® Registered Trademark of
International Business Machines Corporation
New Orchard Road Armonk, New York 10504

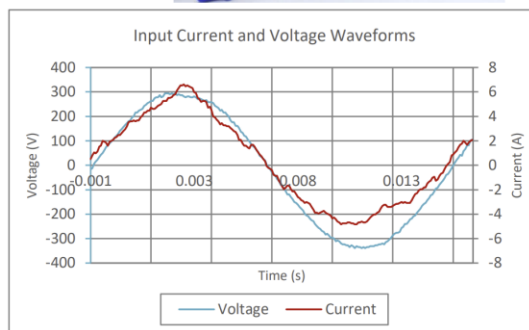
Year of manufacture - 2025

Power Supply Unit (PSU) efficiency, power factor and rated power output:

ID Number	SO-1799
Manufacturer	IBM CORPORATION
Model Number	AWF2DC1500W
Serial Number	02YJ111YS30NH09G076
Year	2020
Type	1U
Test Date	11/19/20

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	9	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,500	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



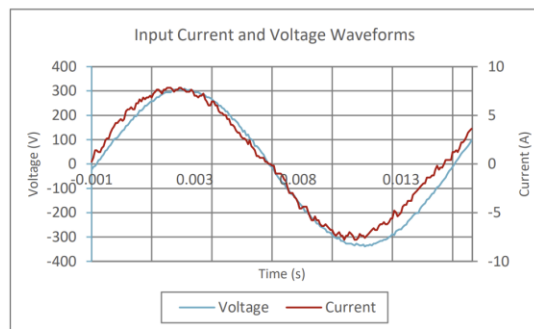
Input AC Current Waveform (ITHD = 4.91%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							12.1V	3.3Vsb		
0.77	0.93	7.09%	10%	Low	165	19.08	12.28/12.37	3.33/0.2	153	92.28%
1.43	0.98	6.78%	20%	Light	321	19.08	12.26/24.75	3.31/0.4	305	94.96%
3.48	0.99	4.91%	50%	Typical	789	19.08	12.2/61.86	3.27/1	758	96.08%
7.23	0.95	4.48%	100%	Full	1582	18.60	12.1/123.71	3.19/2	1503	94.99%

* Fan power is not included in the efficiency calculations



ID Number	SO-1946
Manufacturer	IBM
Model Number	700-015218
Serial Number	11S00E5464YL30KY1750UM
Year	2021
Type	1U
Test Date	11/23/21



Input AC Current Waveform (ITHD = 4.69%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	10	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,300	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							12.3V	12Vsb		
1.11	0.96	7.33%	10%	Low	247	1.17	12.32/18.2	12.3/0.59	231	93.71%
2.13	0.99	2.93%	20%	Light	484	1.17	12.31/36.34	12.29/1.18	462	95.42%
5.28	0.99	4.69%	50%	Typical	1204	4.17	12.32/90.86	12.27/2.95	1156	96.01%
10.72	1.00	2.51%	100%	Full	2462	11.34	12.36/181.67	12.25/5.91	2317	94.14%

* Fan power is not included in the efficiency calculations

Server product family configurations

	1-socket configuration		2-socket configuration		3-socket configuration		4-socket configuration	
	High-end	Low-end	High-end	Low-end	High-end	Low-end	High-end	Low-end
(a)	n/a	n/a	1145.6	855.2	1671.1	1228.6	2180.5	1888.3
(b)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
(c)	n/a	n/a	2332.8	1784.7	3617.9	2606.2	4643.4	3371.3
(d)	n/a	n/a	A3	A3	A3	A3	A3	A3
(e)	n/a	n/a	1708.6	1418.2	2234.1	1791.6	2743.5	2446.3
(f)	n/a	n/a	23.9, 49.6	17, 26.5	24.1, 74.8	17.5, 40.2	24.6, 100.5	18, 53.9
list of all components for additional idle power allowances, if any (additional PSU, HDDs or SSDs, additional memory, additional buffered DDR channels, additional I/O devices)								
(g)	n/a	n/a	2	2	3	3	4	4
(h)	n/a	n/a	2	2	2	2	2	2
(i)	n/a	n/a	0	0	0	0	0	0
(j)	n/a	n/a	2	2	2	2	2	2
(k)	n/a	n/a	8188	1020	12284	1532	16380	2044
(l)	n/a	n/a	24	24	40	40	56	56
Installed I/O devices greater than two ports of >= 1 Gbit, onboard Ethernet								
(m)	n/a	n/a	1	1	1	1	1	1
(n)	n/a	n/a	0	0	0	0	0	0
(o)	n/a	n/a	0	0	0	0	0	0
(p)	n/a	n/a	0	0	0	0	0	0
(q)	n/a	n/a	0	0	0	0	0	0

a Measured idle state power, expressed in Watts and rounded to the first decimal place

b Calculated idle state power, expressed in Watts and rounded to the first decimal place



- c Maximum power, expressed in Watts and rounded to the first decimal place*
- d Declared operating condition class*
- e Idle state power (Watts) at the higher boundary temperature of the declared operating condition class*
- f Active state efficiency and the performance in active state of the server*
- g CPU Performance: quantity*
- h Additional PSU installed explicitly for power redundancy: quantity*
- i HDD installed: quantity*
- j SSD installed: quantity*
- k Installed memory greater than 4 GB: quantity*
- l Installed buffered DDR channels greater than 8 channels: quantity*
- m = 1 Gb/s : quantity*
- n > 1 Gb/s and < 10 Gb/s: quantity*
- o >= 10 Gb/s and < 25Gb/s: quantity*
- p >= 25 Gb/s and < 50Gb/s: quantity*
- q >= 50 Gb/s: quantity*

Secure data functionality:

[Secure data deletion for devices by using stand-alone diagnostics - IBM Documentation](#)

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