

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

2021-02-19

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Product Information									
Machine Type(s) Model(s) Part Number Product Type									
2072	2N2, 2N4,	-	Online data storage product						
	W12, W24,								
	X12, X24								

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



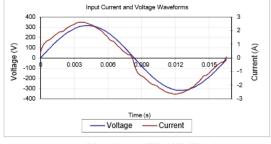
Registered Trademark of
International Business Machines Corporation
New Orchard Road Armonk, New York 10504

Year of manufacture 2021

Power Supply Unit (PSU) efficiency and power factor:

Ecos ID #	SO-1003
Manufacturer	IBM
Model Number	TDPS-800FB A
Serial Number	CCQT1538000260
Year	2015
Туре	10
Test Date	9/28/15

Rated Specifications	Value	Units				
Input Voltage	100-240	Volts				
Input Current	9.4	Amps				
Input Frequency 47-63 H						
Rated Output Power	800	Watts				



Input AC Current Waveform (ITHD = 6.86%, 50% Load)

I _{RM3 A}	I _{RM3 A} PF I _{THD} (%)		Load (%)	Load (%)	Load (%)	Input	External	DC Terminal Voltage (\	/)/ DC Load Current (A)		Output	Efficiency
Α		THD (70)	Load (70)	Watts	Fan (W)*	12V	5V	5Vsb	Watts	%		
0.62	0.65	11.85%	10%	92.45	40.43	12.01/5.21	5.01/3.34	5.01/0.21	80.34	86.91%		
0.89	0.86	11.32%	20%	174.24	40.43	12/10.39	5/6.67	5/0.42	160.16	91.92%		
1.91	0.97	6.86%	50%	424.30	40.43	11.99/26	4.99/16.64	4.99/1.05	399.93	94.26%		
3.78	0.99	6.36%	100%	858.90	40.43	11.96/51.92	4.97/33.18	4.96/2.09	796.36	92.72%		

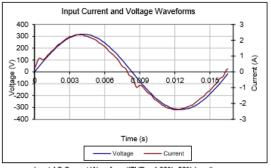
^{*} Fan power is not included in the efficiency calculations



Ecos ID#	SO-1161
Manufacturer	IBM
Model Number	SGE006-030G, 01AC454, R0850-F0080-01
Serial Number	N/A
Year	2016
Туре	1U
Test Date	09/12/16

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9.4	Amps
Input Frequency	50/60	Hz
Rated Output Power	800	Watts





Input AC Current Waveform (ITHD = 4.68%, 50% Load)

I _{RM8}	PF	I _{THD} (%)	Load	Fraction	Input	External	DC Terminal Voltage (V)/ DC Load Current (A)			Output	
Α			(%)	of Load	Watts	Fan (W)*	12V	5V	5Vsb	Watts	Efficiency %
0.42	0.94	11.91	10%	Low	90	18.96	12/5.19	4.95/3.36	4.98/0.21	80	88.51%
0.76	0.99	11.09	20%	Light	174	18.84	12/10.4	4.95/6.72	4.97/0.42	160	92.15%
1.86	1.00	4.68	50%	Typical	425	18.84	11.99/26	4.94/16.81	4.96/1.05	400	94.16%
3.76	1.00	3.54	100%	Full	864	18.72	11.97/51.99	4.93/33.59	4.94/2.09	798	92.42%

^{*} Fan power is not included in the efficiency calculations

Declared operating condition class

Α2

This product has been tested in order to verify that it will function within the boundaries of the declared operating condition class.

Secure data functionality

https://www.ibm.com/support/knowledgecenter/STHGUJ_8.3.1/com.ibm.flashsystem.5100.831. doc/svc_secure_data_deletion.html

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