



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

March 4, 2022

The following information is based on IBM's knowledge as of the date of this document, which may be based on its records and information from third parties. This documentation applies to finished products that IBM newly puts on the market in the European Union and other jurisdictions which require this Technical Documentation as of the above date.

Product Information			
Machine Type(s)	Model(s)	Part Number	Product Type
4666, 4657	A9F, 92G	-	Online data storage

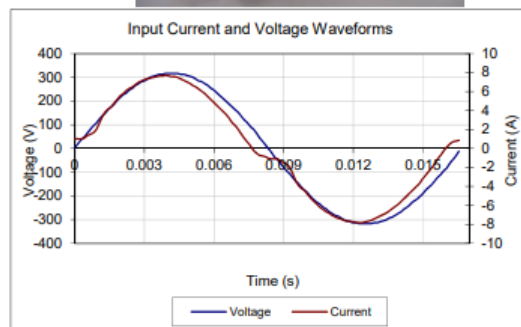
Manufacturer's name, registered trade name and registered trade address:

**IBM**  
 Marca Registrada  
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 International Business Machines Corporation  
 New Orchard Road Armonk, New York 10504

Year of manufacture  
 2020

Power Supply Unit (PSU) efficiency and power factor:

Ecos ID #	SO-1054
Manufacturer	Delta Electronics (Thailand) PCL
Model Number	TDPS-2400AB A
Serial Number	CCTT15520121
Year	2016
Type	1U
Test Date	01/26/16



Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	14.4	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,400	Watts

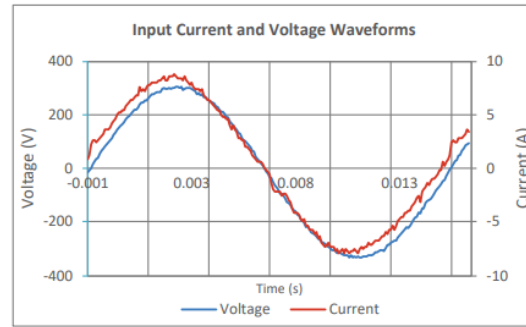
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %
							12V	5Vsb	5Vsb	5Vsb		
1.36	0.89	22.00	10%	Low	278	17.67	12.08/16.5	5.02/4.13	5.03/0.23	5.02/4.14	242	87.10%
2.40	0.95	17.42	20%	Light	526	17.67	11.86/33.04	5.01/8.28	5.03/0.46	5.01/8.27	477	90.74%
5.67	0.99	10.62	50%	Typical	1289	17.67	12.01/82.64	5.01/20.7	5.01/1.15	5.01/20.68	1206	93.51%
11.53	1.00	4.07	100%	Full	2647	17.67	11.95/165.65	5.01/41.42	4.97/2.29	5.01/41.3	2405	90.87%

\* Fan power is not included in the efficiency calculations



<b>ID Number</b>	SO-2135
<b>Manufacturer</b>	Delta Electronics, Inc.
<b>Model Number</b>	TDPS-2400PB A
<b>Serial Number</b>	XXXT2234000009
<b>Year</b>	2022
<b>Type</b>	1U
<b>Test Date</b>	10/11/22



Input AC Current Waveform (ITHD = 3.675%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	14.4	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,400	Watts

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

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)			Output Watts	Efficiency
							12V	5V	5Vsb		
1.360	0.8728	16.21%	10%	Low	272.98	106.42	12.1/16.53	5.01/8.28	5.03/0.23	242.55	88.85%
2.426	0.9343	8.79%	20%	Light	521.38	106.67	12.08/33.05	5.01/16.56	5.02/0.46	484.40	92.91%
5.584	0.9930	3.68%	50%	Typical	1275.38	106.75	12.02/82.52	5/41.37	5.01/1.15	1205.90	94.55%
11.349	0.9990	2.75%	100%	Full	2608.16	106.31	11.93/165.22	5/82.62	4.98/2.3	2395.76	91.86%

\* Fan power is not included in the efficiency calculations

### Declared operating condition class

A2

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

### Secure data deletion functionality URL:

For FlashSystem 9500 (MTM 4666-A9F)

<https://www.ibm.com/docs/en/flashsystem-9x00/8.5.x?topic=overview-secure-data-deletion>

For FlashSystem 7300 (MTM 4657-92G)

<https://www.ibm.com/docs/en/flashsystem-7x00/8.5.x?topic=overview-secure-data-deletion>

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