



Technical Documentation for Ukraine Technical Regulation on Ecodesign Requirements for Computers and Computer Servers, Resolution No. 737

2/21/2021

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Product Information			
Machine Type(s)	Model(s)	Part Number	Product Type
9183	22X	-	Computer server

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

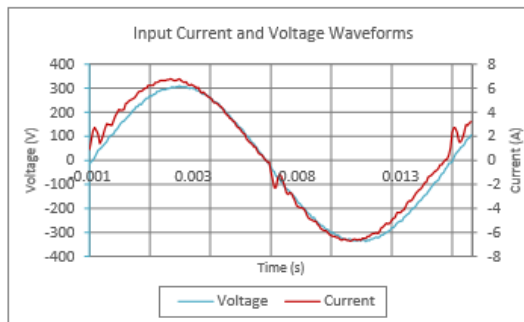


Year of manufacture
2021

Noise levels (declared A-weighted sound power level of the computer)
Not available

Internal/external power supply efficiency

ID Number	SO-1368
Manufacturer	AcBel Polytech Inc.
Model Number	R1CA2202A
Serial Number	N/A
Year	2017
Type	1U
Test Date	02/06/18



Input AC Current Waveform (THD = 4.87%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	15	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,000	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
							12V	12Vsb		
1.11	0.94	8.11%	10%	Low	240	3.36	12.07/16.41	12.09/0.3	202	83.88%
1.96	0.97	5.89%	20%	Light	437	3.36	12.06/32.82	12.07/0.59	403	92.30%
4.68	0.99	4.87%	50%	Typical	1067	3.36	12.03/82.06	12.04/1.48	1005	94.22%
9.48	1.00	4.85%	100%	Full	2178	18.48	11.98/164.12	11.99/2.96	2002	91.95%

* Fan power is not included in the efficiency calculations

Maximum power (watts)
1800 watts

Idle State power (watts)
350 watts



Sleep mode power (watts)

Not applicable for computer servers

Off mode power (watts)

Not available

Test parameters	Properties
Test voltage and frequency	230 V ac at 50 Hz or 60 Hz
Total harmonic distortion of the electricity supply system	The maximum harmonic content of the input voltage waveform is equal to or less than 2%. The qualification is compliant with EN 61000-3-2.
Information and documentation on the instrumentation setup and circuits that are used for electrical testing	SPEC SERT suite version 2.x. ECOVA Generalized Test Protocol for Calculating the Energy Efficiency of Internal Ac-Dc and Dc-Dc Power Supplies
Measurement methodology that is used to determine information in this document	SPEC SERT suite version 2.x. ECOVA Generalized Test Protocol for Calculating the Energy Efficiency of Internal Ac-Dc and Dc-Dc Power Supplies

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