

SUBJECT: Product Environmental Information Declaration**DATE OF DECLARATION: 2018, May 23**

Regulatory Reference:	Commission Regulation (EU) No. 617/2013 of June 26, 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers
Product Type:	Computer Server
Manufacturer's Name:	Hewlett Packard Enterprise 3000 Hanover Street Palo Alto, CA 94303-1112 United States of America Contact: sustainability@hpe.com for questions
Product Model Number:	CL5800 Gen9
Year of Manufacture:	2018
Product Category:	Not Applicable

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Number 7.3.1 (e)

Internal/external power supply efficiency.

Internal Power Supply Efficiency at 230 VAC				
HPE part number	10% load	20% load	50% load	100% load
830270-001	88,34	91,63	93,79	92,44
830270-301	90,53	93,76	94,97	93,09
965412-101	89,12	93,06	94,39	92,93
865412-101	90,77	93,24	94,60	92,78
865412-101	89,33	93,02	94,43	92,81

Number 7.3.1 (f)

Test parameters for measurements.

Test Parameters	
Test voltage (V) and frequency(Hz)	100-249 Volts AC, 47-63 Hz
Total harmonic distortion of the electricity supply system	+/- 1%
Information and documentation on the instrumentation, set-up and circuits used for electrical testing	Details for internal power supply test setup and conduct are as specified in Generalized Test Protocol for Calculating the Energy Efficiency of Internal Ac-Dc and Dc-Dc Power Supplies Revision 6.6 (April, 2012)

Number 7.3.1 (g) – (j)

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Idle state; sleep mode; sleep mode with WOL enabled; off mode; and off mode power demand.

State/Mode	Power Demand (Watts)
(g) Maximum power	(g) and (h) Please use the HPE Power Advisor to determine these values based on your system configuration: Link to HPE Power Advisor (i) and (j) Note: Sleep/Off mode not applicable for this product
(h) Idle state power	
(i) Sleep mode power	
(j) Off mode power	

Number 7.3.1 (k)

Acoustic noise levels (the declared A-weighted sound power level) of the computer servers are available here: (IT ECO Declarations for HPE products)

<https://www.hpe.com/us/en/about/environment/msds-specs-more.html>

Number 7.3.1 (l)

The measurement methodology used to determine information mentioned in Number 7.3.1 (e) through (k).

Number Reference	Methodology
7.3.1 (e) through (j)	Test information including required instrumentation, setup etc. for Internal Power Supplies is detailed in Generalized Test Protocol for Calculating the Energy Efficiency of Internal Ac-Dc and Dc-Dc Power Supplies Revision 6.6 (April, 2012).
7.3.1 (k)	ECMA-74 11th edition (December 2010) Measurement of Airborne Noise emitted by Information Technology and Telecommunications Equipment And ECMA-109 2nd edition (December 1987) Declared Noise Emission Values of Computer and Business Equipment.