



## Technical Documentation for EU regulation 617/2013

Oracle America Inc.  
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Redwood Shores, CA 94065 USA  
www.oracle.com

Product Model Type	Computer Server
Product Model Name	SPARC T4-4
Year First Manufactured	October 2011
Power Supply Make and Model	Oracle MN: A239 (Manufacturer Name: PowerOne – MN: SPASUNM-09G) (Manufacturer Name: Artesyn – MN: AA25420L)
Internal Power Efficiency	<a href="http://www.plugloadsolutions.com/psu_reports/POWER-ONE_SPASUNM-09G_2060W_SO-171_Report.pdf">http://www.plugloadsolutions.com/psu_reports/POWER-ONE_SPASUNM-09G_2060W_SO-171_Report.pdf</a> <a href="http://www.plugloadsolutions.com/psu_reports/ASTEC%20INTERNATIONAL%20LIMITED_AA25420L_2013W_SO-156_Report.pdf">http://www.plugloadsolutions.com/psu_reports/ASTEC%20INTERNATIONAL%20LIMITED_AA25420L_2013W_SO-156_Report.pdf</a>
Test Voltage and Frequency	230V, 60Hz
Total Harmonic Distortion of the Electricity System	<a href="http://www.plugloadsolutions.com/psu_reports/POWER-ONE_SPASUNM-09G_2060W_SO-171_Report.pdf">http://www.plugloadsolutions.com/psu_reports/POWER-ONE_SPASUNM-09G_2060W_SO-171_Report.pdf</a> <a href="http://www.plugloadsolutions.com/psu_reports/ASTEC%20INTERNATIONAL%20LIMITED_AA25420L_2013W_SO-156_Report.pdf">http://www.plugloadsolutions.com/psu_reports/ASTEC%20INTERNATIONAL%20LIMITED_AA25420L_2013W_SO-156_Report.pdf</a>
Information and Documentation on the instrumentation, set-up, and circuits used for electrical testing	<a href="http://www.plugloadsolutions.com/docs/collatrl/print/Generalized_Internal_Power_Supply_Efficiency_Test_Protocol_R6.6.pdf">http://www.plugloadsolutions.com/docs/collatrl/print/Generalized Internal Power Supply Efficiency Test Protocol R6.6.pdf</a>
Max Power (Watts)	Configurable- see Oracle Server Power Calculator Tool Website <a href="http://www.oracle.com/us/products/servers-storage/sun-power-calculators/index.html">http://www.oracle.com/us/products/servers-storage/sun-power-calculators/index.html</a>
Idle Power (Watts)	Configurable- see <a href="http://www.oracle.com/us/products/servers-storage/sun-power-calculators/index.html">http://www.oracle.com/us/products/servers-storage/sun-power-calculators/index.html</a>
Sleep mode Power (Watts)	<i>Not applicable to computer servers</i>
Off mode Power (Watts)	<i>Not applicable to computer servers</i>
Noise Levels (the declared A-weighted sound power level of the computer)	<a href="http://www.oracle.com/us/products/servers-storage/servers/sparc-enterprise/t-series/sparc-t4-4-ds-486944.pdf">http://www.oracle.com/us/products/servers-storage/servers/sparc-enterprise/t-series/sparc-t4-4-ds-486944.pdf</a>



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Measurement Methodology used to determine Information in this Document	Refer to the test protocol of “80 Plus”: <a href="http://www.plugloadsolutions.com/docs/collatrl/print/Generalized_Internal_Power_Supply_Efficiency_Test_Protocol_R6.6.pdf">http://www.plugloadsolutions.com/docs/collatrl/print/Generalized Internal Power Supply Efficiency Test Protocol R6.6.pdf</a>  Refer to Oracle Server Power Calculator Tool Website: <a href="http://www.oracle.com/us/products/servers-storage/sun-power-calculators/index.html">http://www.oracle.com/us/products/servers-storage/sun-power-calculators/index.html</a>
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