



PRODUCT: PowerEdge™ 6800
REGULATORY MODEL: ECX
EFFECTIVE DATE: April 18, 2008

Dell Inc.
www.dell.com

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I. PRODUCT SAFETY¹

The product has been certified and bears the Mark, as applicable, of the Product Safety authorities as indicated below.

Country/Region	Authority or Mark
Argentina	IRAM
Canada	SCC
European Union	CE
Germany	TUV
IECEE	IECEE CB
Israel	SII
Mexico	NYCE or NOM
Norway	NEMKO
Russia	GOST
Singapore	Safety Registration Scheme
South Africa	SABS
Taiwan	BSMI
United States	NRTL

¹ The above-listed Product Safety certifications may vary depending upon the location of the Dell factory and specific product configuration. Certification marks may not be applied on products for countries outside the purchaser's country.



II. ELECTROMAGNETIC COMPATIBILITY²

The product has been certified and bears the Mark, as applicable, of the EMC authorities as indicated below.

Country/Region	Authority or Mark	Class
Australia / New Zealand	ACMA or C-Tick	Class A
Canada	ICES	Class A
European Union	CE	Class A
Israel	SII	Class A
Japan	VCCI	Class A
Norway	NEMKO	Class A
Russia	GOST	Class A
South Africa	SABS	Class A
South Korea	BCC	Class A
Taiwan	BSMI	Class A
United States	FCC	Class A

III. ERGONOMICS, ACOUSTICS AND HYGIENICS³

The product has been certified and bears the Mark, as applicable, of the Ergonomics, Acoustics and Hygienics authorities as indicated below.

Country/Region	Authority or Mark
Germany	GS
Russia	GOST

IV. POWER CORDS AND USER DOCUMENTATION

Dell products are provided with the power cord and user documentation suitable for the intended country of delivery. Products that are relocated to other countries should use nationally certified power cords and plugs to ensure safe operation of the product. Contact Dell to determine if alternate power cords or user documentation in other languages is available for your market.

V. DATASHEET RESPONSIBLE PARTY NAME AND ADDRESS

Dell Inc.

Department: Global Regulations and Standards

MS: PS4-30

Round Rock, Texas 78682, USA

512-338-4400

Regulatory_Compliance@Dell.com

² The above-listed EMC certifications may vary depending upon the location of the Dell factory and specific product configuration. Certification marks may not be applied on products for countries outside the purchaser's country.

³ The above-listed Ergonomics, Acoustics and Hygienics certifications may vary depending upon the location of the Dell factory and specific product configuration. Certification marks may not be applied on products for countries outside the purchaser's country.



VI. TRADE (IMPORT/EXPORT) COMPLIANCE DATA

System US Harmonized Tariff System (USHTS) Number	8471.50.0150
System US Export Control Classification Number (ECCN)	4A994

For additional questions regarding importing & exporting classification of Dell products, please send an e-mail to: US_Export_Classification@dell.com

VII. SYSTEM DIMENSION AND WEIGHT

Depth, cm	Width, cm	Height, cm	Weight, kg
Rack: 69.85	48.03	26.67	45.36 (May vary with additional options installed)
Tower: 69.85	30.15	48.55	48.98 (May vary with additional options installed)

VIII. DECLARATIONS AND CERTIFICATIONS

This system received the following approvals and may be labeled with one or more of these marks depending on point of purchase:

Approvals	Certificate #	Yes / No / N/A
USA: Energy Star	N/A	N/A
TUV-GS (visual ergonomics - systems without LCDs: ISO 9241 -3/-8 -- portables: ISO 9241-4, ISO 13406, and DIN 2137)	N/A	N/A
Nordic: TCO'99	N/A	N/A
Germany: Blue Angel	N/A	N/A

IX. PERFORMANCE DATA

System Configuration

The Energy Consumption and Declared Noise Emissions data is based on a configuration including two Intel® Pentium® 4 3.16GHz processors, 10GB of memory, ten 73GB hard drives, and a CD/floppy drive.



Energy Consumption

Service Level	Energy Consumption (Wattage)	Heat Dissipation (BTU/hr)	Description of Service Level	Energy Save Requirements Meets EU Eco label (2001/686/EC and 2001/687/EC) Yes / No / N/A
*Maximum	549.6	1879.632	The system is running programs to maximize the power consumption.	N/A
Minimum	373.09	1275.9678	The system is in a waiting mode, such as at the MS-DOS prompt.	N/A
ACPI S3	N/A	N/A	The system is in a low-power sleep mode.	N/A
Off	23.36	90.1512	The system is turned off but is still connected to its AC power source.	N/A
Power Supply	N/A	N/A	AC adapter is connected to mains with portable detached (portables only).	N/A

*Maximum Energy Consumption results are based solely upon the testing of the System Configuration listed above.

Energy consumption is tested at 230 Volts / 50 Hz. Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour. Off data is not meant to show compliance to US Executive Order 13221. When applicable, Dell product information related to US Executive Order 13221 may be obtained at: <http://oahu.lbl.gov/index.html>.

Declared Noise Emissions in accordance with ISO 9296

Service Level	Sound Power ($L_{WA,d}$, bels) (1 bel=10 decibels, re 10^{-12} Watts)	Sound Pressure Operator Position (L_{pAm} , decibels) (re 2×10^{-5} Pa)
Floppy Drive Accessing	7.1	N/A
Hard Drive Accessing	7.1	N/A
CD Drive Accessing	7.1	N/A
Idle	7.1	N/A



X. PRODUCT MATERIALS INFORMATION⁴

Restricted Substances

This Dell product does **NOT** contain any of the following substances (in concentrations exceeding legal threshold limits):

- Asbestos
- Cadmium and its compounds above 100 parts per million (ppm)
- Halogenated dioxins or furans (i.e. polychlorinated dibenzodioxines, polychlorinated dibenzofurans)
- Halogenated flame retardants (chlorinated, brominated) in plastic parts over 25 grams
- Mercury (except for fluorescent bulbs used in display units)
- PCBs (polychlorobiphenyls) or PCTs (polychloroterphenyls)
- PBBs (polybromobiphenyls) or PBDEs (polybrominated diphenylethers)
- PVC (polyvinyl chloride) other than in cables and interconnect parts
- CFCs (chlorofluorocarbons), HCFCs (hydrofluorocarbons) and other ozone depleting substances
- Lead is not used in paints

None of the substances included in the Montreal Protocol annex A, B, or C is used in Dell's manufacturing plants.

Additional Materials Information

- The cables may use PVC as an insulating material to ensure product safety
- The case material is sheet metal
- Product does not contain one or more mercury bulbs

Flame Retardants Used in Mechanical Plastic Parts > 25 grams, Keycaps and Motherboards

Part	Flame Retardant	ISO 1043-4	ISO 11469
Motherboard	TBBPA	FR(16)	N/A
Keycaps (portables only)	N/A	N/A	N/A
Mechanical Plastic Parts > 25 grams PC+ABS	Organic Phosphate	FR(40)	ISO 11469
Mechanical Plastic Parts > 25 grams PC+ABS	Proprietary bromine free & chlorine free compound	FR	ISO 11469
Mechanical Plastic Parts > 25 grams PC	Sulfonic Acid	>PC-GF9<	ISO 11469

⁴ **Waste Handling.** Local regulations should be observed when disposing of this product due to the presence of the materials and substances as listed above.



XI. PACKAGING

No CFCs (chlorofluorocarbons), HCFCs (hydrofluorocarbons) or other ozone depleting substances are used in packaging material. Chromium, lead, mercury, or cadmium are not intentionally added to packaging materials and are not present in a cumulative concentration greater than 100 ppm as incidental impurities.

Criteria	Yes / No
No halogenated plastics or polymers are used for packaging material	Yes
Dell complies with the EU Packaging Directive 94/ 62/ EEC	Yes
Depending on your point of purchase, packaging materials are labeled in accordance with DIN 6120 – “Marking of packing materials and packages for their recycling”	No

Packaging Materials	Weight, kg
PE	0.89
Corrugated Cardboard	3.08
Wood	7.19

Printed user documentation is bleached in a chlorine-free process. (Europe Only)

XII. BATTERIES

Batteries in this product are not based on mercury, lead or cadmium technologies. The batteries used in this product are in compliance with EU Directive 91/ 157/ EEC, EU Directive 93/ 86/ EEC and EU Directive 98/ 101/ EEC.

The product documentation includes instructional information on the proper removal and disposal of the batteries used in this product. Below is a listing of batteries present in the product:

Battery Description – Internal Batteries	Battery Type
3-V CR2032 Coin Cell	Lithium Ion
4.1-V ROMB battery, optional	Lithium Ion

** Other batteries may be delivered in this system, depending on customer options. The optional internal batteries are either Lithium or Nickel Metal Hydride.



XIII. DESIGN FOR ENVIRONMENT

Longevity and Upgrading

Dell systems are, when applicable, designed for easy assembly, disassembly, and servicing. To extend the life of your system, you can install or upgrade certain system components (e.g., microprocessor, memory, expansion cards, and storage devices). Spare parts are available after the end of production for up to five years, or otherwise through the warranty period.

Recyclability

For recyclability, this system incorporates the following design guidelines:

- EU WEEE mark is applied to products sold in Europe, EU recycling information can be found at www.euro.dell.com/recycling
- Minimal use of non-separable connections, such as gluing and welding between different materials.
- Minimal use of composite structure materials.
- Mechanical plastic parts greater than 100 grams consist of one material or of easily separable materials.

XIV. RECYCLING/ END-OF-LIFE SERVICE INFORMATION

Take back and recycling services are offered for this product in certain countries. If you want to dispose of system components, contact Dell for instructions by emailing recycling_emea@dell.com or visit www.dell.com/recyclingworldwide and select the relevant country.

XV. DELL CORPORATE ENVIRONMENTAL INFORMATION

Information on Dell's Environmental initiatives, policies, programs and goals can be found at www.dell.com/environment.

Product Safety, EMC and Environmental Datasheets for Dell products are located at:
www.dell.com/regulatory_compliance_datasheets