

Model : LDS4821BB

LG Electronics' strategic direction for products with greener features is to reduce the environmental load at every stage of the product lifecycle. Our efforts to improve the performance of green features are based on designing for better energy efficiency, reductions in raw material usage, improvements in product recyclability and increased use of recycled materials.

LG Electronics Environmental Declarations give information on environmental aspects of our products.

Document created on : 2013.04.22



Product

Product type and model	Semi-Integrated/ LDS4821BB
Dimension (W×H×D)	23 3/4" x 33 5/8" x 24 5/8"
Weight	89 lbs

Package

Dimension (W×H×D)	27 1/5" x 35 1/10" x 29 3/5"
Weight	7 lbs

Energy consumption

Annual energy use (kWh/yr)	285
EF	0.76
Water use (Gallons/Cycle)	3.4

- Annual energy use is estimated annual energy use of the dishwasher under typical conditions, including the machine energy used by the dishwasher during a dishwashing cycle, any additional energy used by a water heater to heat the water, and the energy used by the dishwasher while in standby mode. It is based on an annual usage of 215 loads per year, or around 4 per week, as referenced by the U.S. Department of Energy (DOE) test procedure.
- EF(Energy Factor)
 - : The higher the EF, the more efficient the dishwashers. The metric has units : cycles/kWh, and is calculated by dividing one by the sum of the machine electrical energy per cycle and the water heating energy consumption per cycle, as described by the Code of Federal Regulations, Title 10, Section 430.23.
- Water use is estimated annual energy use of the dishwasher under typical conditions, expressed as the number of gallons of water delivered to the machine during one cycle, as measured by the U.S. Department of Energy (DOE) test procedure.

This product complies with the below mentioned directives and regulations.

EU RoHS Directive

Directive 2011/65/EC

EU REACH Regulation

Regulation 1907/2006/EC

Other

Ozone Depleting Substances as banned in the Montreal Protocol

>> Further information on the LG Electronics hazardous substance management system, hazardous substance phase out program and REACH compliance can be found at :

<http://www.lg.com/global/sustainability/environment/management-of-hazardous-substances/details-of-hazardous-substances> ¹⁾

Disassembly and recycling

Mechanical plastics parts heavier than 25g are labeled with material codes in accordance with ISO 11469 and ISO 1043-1~4 to facilitate plastic recycling.

Recycling in the EU : LG Electronics has fulfilled the WEEE directive demands in all EU countries. The following are recycling firms to which LG Electronics has subscribed at

<http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe> ¹⁾

Recycling in the US and Canada : LG Electronics complies with electronic waste regulations in each state in the US and in provinces of Canada in which it does business. In addition, LG Electronics has voluntary collection sites and holds periodic collection events even in states without e-waste laws in place. LG Electronics is also a proud sponsor of Keep America Beautiful's Great American Cleanup. The following are recycling firms to which LG Electronics has subscribed at

<http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-north-america> ¹⁾

Recycling in other regions : LG Electronics also operates take-back and recycling programs for unwanted products in countries where local take-back regulations do not exist. Customers are advised to contact the local LG service center for further information.

Packaging

- The product packaging complies with the below mentioned directives and regulations :


EU Packaging Directive 94/62/EC

Ozone Depleting Substances as banned in the Montreal Protocol

- LG Electronics has phased out the use of Polyvinylchloride (PVC) from this product packaging.
- Plastic packaging material is marked in accordance with ISO 11469 and ISO 1043-1 to 4 or the relative regulation in Korea, Japan and China.

- Electronic devices should not be treated as household wastes; check with your local and state solid waste officials or your LGE service center for availability of recycling in your area.
- Please separate the packaging material according to responsible waste disposal practices and sort for sound recycling; contact your local LGE service center or check local regulations for correct disposal of household electronics.
- This product provides the user guide printed with soy ink for reducing emissions of VOCs(Volatile Organic Compounds) and reduction of metal pigments. To download a copy of **LDS4821BB** user guide, visit <http://www.lg.com/us/support>¹⁾
- Further Environmental information is presented in LG Electronics' Sustainability Report (PDF form), available online at :
<http://www.lg.com/global/sustainability/communications/sustainability-reports.jsp>¹⁾
- If you have questions, Please contact livegreen@lge.com

Environmental labels and certifications

Label/Certification	Category	Name	Organization
	Energy	ENERGY STAR	Environmental Protection Agency (EPA)

1) This link is to a website outside the control of LG Electronics USA ("LGEUS") which is intended for international viewing. The information contained in this website may not apply in the U.S. You should refer to and only rely on the marketing and informational materials distributed by LGEUS in the United States. This website may also contain "forward-looking statements;" that is, statements related to future events. Forward-looking statements by their nature address matters that are, to different degrees, uncertain. These uncertainties may cause LG's actual future results to be materially different from those expressed in the forward-looking statements on the website.