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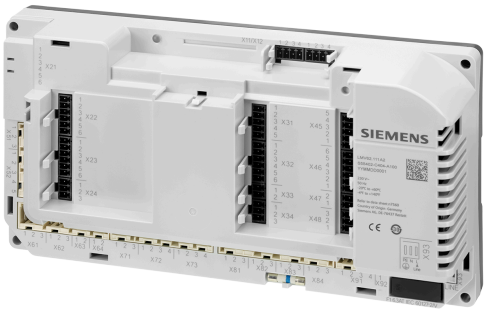
LMV6

Siemens EcoTech Profile

Burner Management System



Minimum material use
The overall product weight is reduced through a compact and highly integrated design.

Packaging
The entire packaging is made from recycled cardboard and contains no imprinting.

Energy efficiency
The LMV6 is more energy efficient than its predecessor.

Ease of disassembly / Circularity instructions
The design enables recyclers to easily disassemble materials including plastics, metal and electronics, without special tools.

Compliant with substance regulations
Protect people and environment by avoiding substances of concern.

EPD Type II or Type III available
The Environmental Product Declaration (EPD) provides transparency on the environmental impact of the product throughout its life cycle. Type II according to ISO 14021 including Life Cycle Impact Assessment (LCIA). Type III verified and certified according to ISO 14025.

Scan for Environmental Product Declarations (EPD) and further technical information.

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Range of application
This Siemens EcoTech Profile is valid for the LMV6 Burner Management System.

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Further information on the product

Sustainable materials:

Minimum material use

- The total product weight has been reduced by **74%** compared to the predecessor product LMV5, achieved through reductions in electronics, plastics and the fact that the external transformer AGG5 with a weight of 2.2 kg is no longer required.

Packaging

- The entire product packaging is made of FSC-certified cardboard with a recycled content of min. **65%**.
- Compared to the predecessor product LMV5, no plastic is used.

Optimal use:

Energy efficiency

- Power consumption has been reduced by **33%** compared to the predecessor LMV5.

Value recovery:

Ease of disassembly / Circularity instructions

- The circularity instruction provides detailed information on disassembly, output material fractions and substance declaration.

Our production facilities

Our goal is clear: All Siemens production facilities and buildings worldwide are to achieve a net zero-carbon footprint by 2030. Today, all Siemens EcoTech products are manufactured in production facilities using 100% renewable electricity.

And the ambitions go much further. The management systems implemented in our production facilities reduce the environmental impacts of our sites. Furthermore, we ensure fair treatment and respect for our people. More information about the 360° view on Siemens' sustainable transformation: Learn more about our DEGREE framework

Scan for more information on the Siemens EcoTech framework

TÜV Rheinland has independently validated the assessing methodology behind this product sheet's data evaluation according to ISO 14020 and 14021 standards.

Our Robust Eco Design process

The Siemens Robust Eco Design (RED) approach provides the foundation for integrating Ecodesign systematically into our product development and allows us to derive Ecodesign specifications that are advantageous from an environment point of view while meeting our own sustainability goals as well as those of our customers and suppliers. The RED approach involves three phases:

Application perspective
Definition of relevant product families, identification, and prioritization of Ecodesign requirements from stakeholder expectations.

Solid foundation
LCA-based assessment of environmental impacts for representative products along the entire life cycle, communicated via EPD.

Dematerialization
Evaluation of quantitative environmental impacts of Ecodesign and of further requirements, derivation of improved design specifications wherever reasonable.

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