

LOGO!POWER

Siemens EcoTech Profile

High performance in even the smallest spaces



Minimum material use

Reduction of weight and volume for the entire LOGO!Power family compared to predecessor.



Packaging

Packaging made from entirely recycled fibres and 100% plastic free.



Durability / Longevity

Excellent durability and reliability.



Energy efficiency

Improved energy efficiency through reduced power loss and enhanced load consumption diagnostics compared to predecessor.



Recyclability

Improved material separation and sorting processes increase recyclability while minimizing waste disposal.



Ease of disassembly / Circularity instructions

Recycler guide describes easy disassembly process with standard tools and material fractions for recycling.



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.

Siemens EcoTech



Range of application

This Siemens EcoTech Profile is valid for LOGO!Power Basic Power Supplies Family.

Further information on the product

Sustainable materials:



Minimum material use

- The average weight reduction of **23%** and the average volume reduction of **28%** were achieved by redesign of the product, mainly by saving on thermoplastics on housing and reducing electronic components.



Packaging

- The packaging is made from **100%** plastic-free materials, with **70%** to **100%** recycled fibers.
- Printed materials cover only essential information, with the full manual available online.

Optimal use:



Energy efficiency

- The device achieves higher energy efficiency through reduction of power loss:
 - under load by an average of **4.4%**.
 - in idle mode by an average of **83.6%**.
- Measuring point (for output current) allows to identify increased power consumption of the connected loads.



Durability / Longevity

- According to SN29500 standard (40°C / 24 hours operation), our products' MTBF ranges between **2.4 to 4.4 million hours**, with the 24V/2.5A variant specifically achieving a MTBF of **2.9 million hours**.

Value recovery:



Recyclability

- Easier separation of materials compared to predecessor, resulting in a **38%** recycling rate.



Ease of disassembly / Circularity instructions

- The avoidance of screws allow for easy, quick and non-destructive disassembly using standard tools, supporting the circular economy.
- Recycler guide is available in SIOS.
- Recycler guides provide recyclers with instructions on how to disassemble products safely.

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.

