Integrated Drive Systems

Tools for efficient engineering

siemens.com/engineering-tools
The web-based SinaSave tool calculates and compares the energy requirements of various drive products and systems by using individual operating characteristics as well as plant-specific parameters. From the investment and operating costs as well as the energy-saving potential, SinaSave calculates the expected payback time. Not only this, it also provides fast and straightforward decision-making help when it comes to financially assessing the investment in energy-efficient products.

**Highlights**

- Determining the energy-saving potential of products and applications
- Decision-making support regarding investments in energy-efficient technologies
- SINAMICS converters, SIMOTICS motors as well as SIRIUS switchgear are considered

siemens.com/sinasave
The solution for your drive application can be quickly found using the web-based tool: Menu-prompted workflows navigate you when selecting and dimensioning products and drive systems. Beyond this, the most important drive specifications are supported. Using an integrated inquiry function, SIZER WEB ENGINEERING also provides you with customized solutions for drive applications that cannot be addressed using standard products. This means the following: The focus is on flexibility and individuality. Comprehensive documentation, such as data sheets, starting calculations and dimension drawings, are fixed components of the tool.

**Highlights**

- Engineering high-, medium- and low-voltage products and systems as well as DC converters
- Integrated inquiry functionality for standard and customized solutions
- Updated pricing information on a daily basis and direct ordering through the Industry Mall possible

siemens.com/sizer-we
The SIZER for Siemens Drives engineering software decisively simplifies the engineering of low-voltage drive systems: Starting from your application, the tool supports you step by step when defining the mechanical system as well as when selecting and dimensioning converters, motors and gear units. The tool also allows additional system components to be configured along with the open-loop/closed-loop control. In addition to engineering results such as characteristics, technical data, installation drawings and dimension drawings, SIZER for Siemens Drives also calculates line harmonics along with the performance and the load-dependent energy usage.

**Highlights**

- Engineering of low-voltage drive systems including the necessary components
- Analysis of the energy efficiency of the configured drive system

[siemens.com/sizer](http://siemens.com/sizer)
The Drive Technology Configurator is THE tool when it comes to efficiently configuring drive products for your particular application. Irrespective of whether you have just a limited amount of product knowledge or in-depth know-how: You can quickly and efficiently make your selection either using specific navigation and selection menus, product group preselectors or by directly selecting a product by entering the article number. You are supported by graphic elements as well as an attractive layout. In addition, system configurations are supported, for example for pumps, fans and compressors. Comprehensive documentation can be called up, from data sheets and operating instructions up to 2-D/3-D dimension drawings, EPLAN macros and certificates.

**Highlights**

- Fast and simple product configuration of drive components with technical documentation
- Simple configuration of drive systems for pumps, fans and turbo compressors in the range from 1 kW to 2.6 MW
- Can be directly ordered through the Industry Mall
- Multi-language product datasheet (DE, EN, ES, FR, IT, RU)

siemens.com/dt-configurator
STARTER
Commissioning and diagnostics – intelligent and simple

STARTER is an intelligent commissioning tool for all SINAMICS drives. The tool supports you when parameterizing, commissioning, troubleshooting and when service is required. Using STARTER, you can easily import all the relevant data from the electronic type plates of the various drive components. This speeds up parameter assignment, avoids mistakes when entering data – therefore significantly reducing your costs. You can check the parameter assignment and, when necessary, optimize it using the integrated test functions. Setpoints and actual values can be transparently displayed over time to facilitate clear diagnostics. Further, STARTER offers a graphic configuring interface to provide a good overview and simple handling as well as automatic generation of safety acceptance reports.

 Highlights

- Fast commissioning with few parameters
- Expert mode with all parameters
- Support of service and diagnostic functions directly at the device or via teleservice access
- Trace functions

siemens.com/starter

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