

# S120 inverter cabinet





## Overview

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This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol. This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according.

The product/system described in this documentation may be operated only by personnel qualified for the specific task in accordance with the relevant documentation, in particular its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential.

Note the following: WARNING Siemens products may only be used for the applications described in the catalog and in the relevant technical documentation. If products and components from other manufacturers are used, these must be recommended or approved by Siemens. Proper transport, storage, installation, assembly, commissioning, operation and maintenance.

All names identified by ® are registered trademarks of Siemens AG. The remaining trademarks in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owner.

The SINAMICS S120 documentation is subdivided into the following levels:  
General documentation/catalogs Manufacturer/service documentation  
Electronic documentation This documentation is part of the manufacturer/service documentation for SINAMICS. All of the documents are available individually. Please contact your local Siemens office for further information.

What is a S120 cabinet module?

The modular SINAMICS S120 Cabinet Modules drive system is used to coordinate multiple motors in a multi-axis drive system. Moreover, high-power single drives (parallel connection) can also be implemented with Cabinet Modules.



Why should you choose sinamics S120 cabinet modules?

The perfect drive created quickly and reliably – with the finely scalable SINAMICS S120 Cabinet Modules modular system. The converters are available as a complete and seamless product series, both with air and liquid cooling and as a consequence can master each and every requirement.

How is Auxiliary voltage supplied to S120 cabinet modules?

To facilitate the auxiliary voltage supply to S120 Cabinet Modules, the individual modules are fitted with a special, standardized auxiliary voltage supply system. This system is delivered pre-installed. The cabling required from the auxiliary power module into the relevant Cabinet Module are factory-installed.

What types of motor modules are available with sinamics S120 cabinet modules?

There are two different types of Motor Module available with the SINAMICS S120 Cabinet Modules drive system. Motor Modules at the low end of the power range (1.6 to 107 kW) can be configured as Booksize Cabinet Kits installed in Booksize Base Cabinets.



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Catalog D21.7.1 SINAMICS S120 Cabinet Modules NEMA ...

SINAMICS S120 Cabinet Modules is a modular system to configure enclosed drive line-ups with a central line infeed (rectifier) and common DC bus supplying power to multiple motor modules ...

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SINAMICS S120

Nov 20, 2025 · SINAMICS S120 Cabinet Modules-2 The next stage of our air-cooled modular cabinet system teamed up with the innovative advantages of SINAMICS S120 Chassis-2.

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SINAMICS S120 Cabinet Modules

Jan 19, 2015 · SINAMICS S120 Cabinet Modules are the components of a modular cabinet unit system for multi-axis drives with a central supply infeed and a common DC link busbar, as ...

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SINAMICS S120 Chassis-2 & Cabinet Modules ...

Nov 20, 2025 · SINAMICS S120 Chassis-2 & Cabinet Modules-2: The innovated generation of our high-performance frequency converters.

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SINAMICS S120

Nov 20, 2025 · SINAMICS S120 Cabinet Modules-2 The next stage of our air-cooled modular cabinet system teamed up with the innovative ...

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Siemens DI FA Stay in Touch Webinar Slides

SINAMICS S120 Cabinet Modules-2 portfolio Active Line Connection Modules & Motor Modules Line Active Infeed = Motor Modules (up to 6 x) Connection (Active Interface Module + Module ...

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SINAMICS S120 Cabinet Modules

Nov 20, 2025 · The perfect drive created quickly and reliably - with the finely scalable SINAMICS S120 Cabinet Modules modular system.

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SINAMICS S120 Cabinet Modules

Jul 1, 2025 · All information about the SINAMICS S120 Cabinet Modules and the innovated Cabinet Modules-2 can be found in the following sections: SINAMICS S120 Cabinet Modules ...

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SINAMICS S120 Chassis-2 & Cabinet Modules-2

Nov 20, 2025 · SINAMICS S120 Chassis-2 & Cabinet Modules-2: The innovated generation of our high-performance frequency converters.

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SINAMICS\_S120\_Chassis\_Power\_Units\_Air\_cooled\_en-US.pdf

Aug 8, 2024 · Drive Technology Converters Low voltage converters Standard Performance Frequency Converter SINAMICS G150 Cabinet Units Drive Technology Converters Low ...

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#### Air-cooled Cabinet Modules

Apr 9, 2018 · Objective This manual describes the hardware components and design of the SINAMICS S120 Cabinet Modules. It provides information about installation, electrical ...

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#### SINAMICS S120 Cabinet Modules-2

Jul 1, 2025 · SINAMICS S120 Cabinet Modules-2 include the chassis units from the SINAMICS S120 series in chassis-2 format. All drive components, from the supply infeed to the motor ...

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## Contact Us

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For technical specifications, project proposals, or partnership inquiries, please visit:

<https://www.walmerceltic.co.za>

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