



HIGH-PERFORMANCE DC DRIVES

SINAMICS DCM product portfolio for the US market

The versatile DC drive that integrates perfectly into existing
and future automation environments

usa.siemens.com/sinamics-dcm

SIEMENS

SINAMICS DCM is the scalable DC drive system for every application, whether basic, or sophisticated and demanding

Customers around the globe have been using DC drives from Siemens for decades—and for good reason: years of experience, extensive and specific expertise, and continual development guarantee drive solutions with the highest degree of reliability reflecting state-of-the-art drive technology.

Whether you're an end-user in the market for a new DC drive, an existing Siemens customer of legacy, discontinued DC drives, or the owner of another manufacturer's DC drive, you can avoid unplanned downtime in production by having a modernization and repair plan in place and a drive platform in mind to retrofit your DC drives.

SINAMICS DCM sets itself apart as the scalable and modular Siemens DC drive platform with all the tools necessary to fulfill any application, whether basic or sophisticated and demanding.

This product portfolio delivers cost-effective options to replace or retrofit obsolete DC drives and discontinued SIMOREG DC drives (6RA70, 6RA24, 6RA23, 6RA22, 6RA21) and minimize downtimes by keeping expensive DC motors and their mechanical systems and cabling in place. Features of the SINAMICS DCM family include:

- PROFIBUS and USS (standard); PROFINET, EtherNet/IP and standard Ethernet TCP/IP and Modbus TCP (optional)
- Drive Control Chart (DCC) — scalable integrated intelligence, graphical configuration and online visualization
- Expandable I/O by connecting standardized SINAMICS modules — scalable I/O and interfaces
- Single-phase connection is possible for units ≤ 125 A
- Coated printed circuit boards and nickel-plated copper busbars (optional)
- Wide temperature range for operation in any environment

As a result, SINAMICS DCM empowers you to purchase only what your applications require, yet have peace of mind knowing that the drive's inherent scalable, modular design easily accommodates for future expansion.

Siemens has the resources and channel partners to assist you in protecting and maximizing your facility's production, whether your application requires a SINAMICS DCM DC Converter, Base Drive, DC Converter + Base Drive Package (auxiliary component kit), Control Module or a Custom Enclosed DC drive via a Siemens Solution Partner.

Don't risk downtime and loss in production. We encourage you to visit our [Sales and Distributor Locator site](#), contact your local Siemens Sales office, visit our [Solution Partner Finder site](#) or find us on the [web](#) to get started with your DC drive retrofit. Siemens continues to invest and innovate in DC drive system technology. You'll have peace-of-mind knowing you will be supported today and tomorrow.



DC Converters



Custom Enclosed DC Drives
via Siemens Solution Partners

One DC drive platform accommodates all industrial applications from 3 to 40,000 hp (2.2 kW to 30 MW) and is available in four flexible and modular design offerings.



Base Drives and Base Drive Packages
(auxiliary components kits)



Control Modules

SINAMICS DCM advantages at a glance

Reliability and robustness	The highest degree to ensure maximum production
Peace of mind	Backed by a 3-year extended warranty exclusive to the US market
Cost competitive	Cost-effective options to replace or retrofit obsolete DC drives and minimize downtimes
Cost-savings	One DC drive platform fulfills every application, reduces spare parts, simplifies training, one configuration software package.
Global support and availability	Large network of qualified system integrators, distributors and Siemens professionals for consultation, design, commissioning, service and support worldwide
Flexible expandability	Regarding functionality, I/O, communication interfaces and computational performance
Highest dynamic performance	Increased productivity and product quality
Optimal integration with automation	Comprehensive range of network interfaces: PROFIBUS, USS, PROFINET, EtherNet/IP, standard Ethernet TCP/IP, Modbus TCP
Integrated intelligence	Free Function Blocks can be optimally adapted to an application's requirements for drive-related open-loop and closed-loop control functions (e.g., winder, sectional drive, load sharing, master-slave, cross-cutter, etc.) in a decentralized manner that relieves the workload on higher level controls
The bottom line	Siemens continues to invest and innovate in DC drive system technology. You can have peace-of-mind knowing you will be supported today and tomorrow.

Need more information?

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- Technical information
- Features
- Industry benefits
- Typical applications
- SINAMICS DCM DC Converters
- SINAMICS DCM Control Module
- SINAMICS DCM Base Drives
- Success Stories for Siemens DC drives

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The complete SINAMICS low-voltage drives family

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Brochures

SINAMICS DCM DC Converter Control Module
Universal. Scalable. Rugged.

[Click here](#)

SINAMICS DCM Base Drives
Standard Range 15–1200A DC; 240/480V 3AC

[Click here](#)

SINAMICS DCM Base Drives
Extended Range 1500–2800A DC; 575/690/830/950V 3AC

[Click here](#)

SINAMICS DCM Base Drive Packages
(Auxiliary Component Kits)

[Click here](#)

SINAMICS Low-Voltage Drives family

[Click here](#)

Catalog

SINAMICS DCM DC Converter, Control Module
Catalog D23.1, Edition 2020

[Click here](#)

US Industry Mall

Online catalog and ordering system

[Click here](#)

Siemens Product Configurator

[Click here](#) and navigate to:

DC Converters:

Siemens Product Configurator → Converters → DC Converters → SINAMICS DCM

Migration support for legacy SIMOREG DC Converters (6RA70, 6RA24, 6RA23, 6RA22, 6RA21):

Siemens Product Configurator → Converters → DC Converters → SINAMICS DCM → Migration support

Base Drives:

Siemens Product Configurator → Converters → DC Converters → SINAMICS DCM NEMA

Base Drive Packages (Aux. Component Kits for pairing with the 15-1200A DC; 240/480V 3AC rated DC Converters):

Siemens Product Configurator → Converters → DC Converters → SINAMICS DCM NEMA → in the Design Type field, select Loose Kit Package

Siemens Industry Online Support

SINAMICS DCM support topics

Application examples, catalog, downloads, FAQs, manuals, product notes, technical data, success stories for Siemens DC drives

[Click here](#)

Need help finding a Siemens channel partner?

Solution Partner Finder, Partner Type: please select Solution Partner Automation Drives

[Click here](#)

Distributor Locator, Product Category: please select General Purpose Drives (AC Drives, Enclosed Drives and DC Drives)

[Click here](#)

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