Commissioning – wireless and clever

• SINAMICS G120 converters can be simply and quickly commissioned in series
• Intuitive and easy menu guidance
• Enter Siemens motor code for motor data recognition
• Macros to simplify I/O configuration and provide appropriate settings
• Common and frequently used parameters can be set (e.g. acceleration, deceleration, max./min. speed, etc.)

Motor testing – you can set and modify the motor speed

• Motor speed and direction can be changed
• Motor can be set to JOG mode or continuous operation with ON/OFF control
• Converter settings can be tested

Easy converter diagnostics

• Intuitive and easy help guidance
• An overview of alarms, faults and status is provided
• Fault codes can be directly transferred to your local service company
• Status of all inputs and outputs (digital and analog) can be checked at a glance
• Product information, documentation, FAQs, and contact partners can be quickly accessed via mobile devices
• Customer support can be simply contacted via integrated e-mail access

All parameters and settings at a single glance

• Quick search and filtering by functional parameter groups
• Frequently used parameters can be saved and easily changed in “My parameters”
• Parameters can quickly be set to default settings
• Parameters can be saved to the converter or smart access module

User-friendly maintenance and monitoring

• Most important real time data can be viewed at a glance, e.g. speed, current, voltage, power, temperature, etc.

More than mere storage – data can be easily stored and shared

• Converter settings can be backed up in parameter files on your SINAMICS G120 Smart Access Module
• Converter data can be shared and sent to other devices for multiple use
• Converter settings can be restored from the parameter files on SINAMICS G120 Smart Access Module or received via server or e-mail transfer on your mobile device
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To secure plants, systems, and machines as well as networks against cyber attacks, a holistic industrial security concept must be implemented (and continuously updated) corresponding to current state-of-the-art technology. Products and solutions from Siemens are just one component of such a concept. You can find additional information about industrial security at siemens.com/industrialsecurity.
Mobile. Clever. Faster.
SINAMICS G120 Smart Access Module

siemens.com/sinamics-accessories
The SINAMICS G120 Smart Access Module enables you to wirelessly connect your mobile devices (smartphone, tablet, laptop) to the SINAMICS G120, G120C, and G120P converters.

As a result, you benefit from a powerful tool providing numerous functions for wireless commissioning, diagnostics and service. It takes only a few steps to set up the module. About the web server approach there is no need to install or download additional software. A common web browser and operating system are sufficient. The SINAMICS G120 Smart Access Module comes with an intuitive user interface for easy configuration and operation.

**Highlights:**

- Wireless access to the converter via mobile devices
- One tool for wireless commissioning, diagnostics, and service
- Intuitive user interface, menu guidance and assistance
Connect your mobile in less than one minute

1. Mount Smart Access Module onto SINAMICS G120 series and switch on the module.

2. Detect SINAMICS G120 Smart Access in your Wi-Fi networks on your mobile device. Enter the default password* and press “Connect.”

*) Password has to be changed when logging in the first time.

3. Open web browser to access the home page (https://192.168.1.1).
## Technical data

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| SINAMICS G120 Smart Access Module suitable for | SINAMICS G120C PN/US/DP  
SINAMICS G120, CU230P-2 PN/US/DP  
SINAMICS G120, CU240E-2 PN/US/DP  
SINAMICS G120P, CU230P-2 PN/US/DP |
| Installation                           | Installation directly on the converter |
| Dimension (H x W x D)                  | 106.86 mm x 70 mm x 17 mm |
| Schutzart                              | Depending upon the Control Unit IP rating to a max. of  
IP55/UL Type 12 enclosure |
| Ambient temperatures                   | In operation 0 to 50 °C (32 to 122 °F) when directly mounted on the converter |
| Ambient temperature when transporting and storing | −40 to +70 °C (−40 to +158 °F) |
| Relative humidity                      | <95 % non-condensing |
| Compliance with standards              | CE, FCC, SRRC, WPC, ANATEL |
| Operating system                       | iOS, Android, Windows, Linux, Mac OS |
| Languages                              | Multi-language support (six basic languages + two optional languages)  
English, Chinese, German, French, Italian, Spanish |
| User-friendly settings                 | • Wi-Fi settings can be adapted to local environments  
• SINAMICS G120 Smart Access Module ready for future expanded  
functionality updates (e.g. device functions, languages)  
• Secure and reliable protocol HTTPS |