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## Sinamics S120 drive system - firmware and hardware updates increase user-friendliness

- **New firmware V5.2 for even easier operation of Sinamics S120 drive systems**
- **Integration of the web server with new, responsive design and no special commissioning tools for diagnostics, maintenance and servicing**
- **Parallel connection of Active Line Modules (ALM) provides an extended performance range for booksize versions**
- **Users benefit from increased rated power without additional chassis unit and energy exchange in the DC link**

Siemens offers new features in the firmware and hardware for the Sinamics S120 drive system. Operation is made much easier in firmware V5.2 through the integration of the web server. The web server in version V5.2 has a new, responsive design, which reacts via standard web browsers regardless of the end device used (notebook, PC, tablet or smartphone). For commissioning typical diagnostics and maintenance functions or servicing, no special tools are required. The web pages are available in six standard languages and feature error indicators and warning messages including meaningful help texts and suggestions for possible solutions. Users can intuitively create, manage and delete parameter lists - even across axes - and can perform firmware updates and system restores with the old firmware version. Backups of parameter settings can be stored on the clients using the web server and browser, and reloaded in the Sinamics converter using the Restore function. In order to test functions that are subject to license, it is possible to activate a temporary trial mode. In addition, a complete overview of all functions that are subject to license is clearly displayed in the web server. For optimum display on any Internet-capable end device, the best browsers are Microsoft Edge, Mozilla Firefox, Google Chrome and Safari. Navigation is via menu or breadcrumbs.

By connecting the Sinamics S120 Active Line Modules (ALM) in parallel, the operator can now use the Booksize format continuously up to a rated power of 228kW. The parallel connection of the 55kW ALM also enables a higher peak power for high dynamic machines than a single 120kW ALM. The space-saving internal busbar can be used by suitable arrangement of the dc link components. 55, 80 and 120 kilowatts (kW) of ALM can be connected in two parallel circuits. This feature is supported by the new firmware version V5.2.



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This press release and a press picture are available at

[www.siemens.com/press/PR2019030180DFEN](http://www.siemens.com/press/PR2019030180DFEN)

For further information regarding the Sinamics S120, please see

[www.siemens.com/sinamics](http://www.siemens.com/sinamics)

For further information on Siemens at the Hannover Messe 2018, please see

[www.siemens.com/press/hm19](http://www.siemens.com/press/hm19) and [www.siemens.com/hannovermesse](http://www.siemens.com/hannovermesse)

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