

# SIEMENS



## Let's switch over!

From SINAMICS G110 to SINAMICS V20

[siemens.com/sinamics-v20](http://siemens.com/sinamics-v20)

With SINAMICS G110 approaching the end of its product lifecycle, it is time to switch over to our SINAMICS V20 converter. This switchover is quite simple, and offers you many decisive advantages.

SINAMICS V20 is the converter for basic motion sequences. The compact and rugged SINAMICS V20 is suitable for applications such as pumping/ventilating/compressing, moving and processing. It sets itself apart as a result of its short commissioning times, simple handling and energy-saving functions.

### Your benefits:

- You will become mobile and faster
- You will become more flexible and perform better
- You will become more efficient

# More power, more functions

## SINAMICS V20 – the new generation of converters from Siemens



### Highlights

- The perfect solution for basic applications
- Easy to install
- Easy to use
- Easy to save money

### Applications



Format	Built-in unit (compact)
Drive concept	AC/AC
Degree of protection	IP20/UL open type
Supply voltage/power kW (hp)	
1AC 200 ... 240 V	0.12 ... 3 kW (0.16 ... 4 hp)
3AC 380 ... 480 V	0.37 ... 30 kW (0.5 ... 40 hp)
Control modes	V/f (linear, square law, FCC, ECO)
Ambient temperature	-10 °C to 40 °C without derating/up to 60 °C with derating
Line filter	With integrated line filter for environments according to EN 61800-3 Category C3/C2/C1 Without integrated line filter for environments according to EN 61800-3 Category C4
Braking chopper	External braking chopper
Communication	USS/Modbus RTU
Commissioning tools	BOP-2, V20 Smart Access Module
Controller	SIMATIC S7-1200

### Recommended motors

SIMOTICS GP/SD (standard induction motors, aluminum/cast iron)



[siemens.com/sinamics-v20](https://www.siemens.com/sinamics-v20)



[siemens.com/sinamics-selector](https://www.siemens.com/sinamics-selector)



[siemens.com/dt-configurator](https://www.siemens.com/dt-configurator)

### Commissioning. Diagnostics. Service.

The optional SINAMICS V20 Smart Access Module can be simply plugged onto the converter. Handling the SINAMICS V20 frequency converter becomes even easier and more user-friendly since it can be commissioned and operated via smartphone, tablet or laptop.



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