

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SL3054-4AG00-2AA0-Z,6SL3074-7AA04-0AH0

512 MB SD CARD WITH EPOS ELECTRONIC LICENSE

Used with the applicable SINAMICS G120 optional memory and licensing configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Official Siemens technical documentation for 6SL3054-4AG00-2AA0-Z,6SL3074-7AA04-0AH0

SINAMICS G120C compact converters
0.55 kW to 132 kW (0.75 hp to 150 hp)

Supplementary system components > Memory cards

Overview



SINAMICS SD memory card

The parameter settings for a converter can be stored on the SINAMICS SD memory card. When service is required, e.g. after the converter has been replaced and the data have been downloaded from the memory card, the drive system is immediately ready for use again.

- Parameter settings can be written from the memory card to the converter or saved from the converter to the memory card.
- Up to 100 parameter sets can be stored.
- The memory card supports standard commissioning without the use of an operator panel such as the IOP-2, BOP-2 or the STARTER and SINAMICS Startdrive commissioning tools.
- If firmware is stored on the memory card and a frequency converter is installed, the firmware can be upgraded/downgraded during converter startup ¹⁾.

Note:

The memory card is not required for operation and does not have to remain inserted.

Selection and ordering data

Description	Article No.
SINAMICS SD card 512 MB	6SL3054-4AG00-2AA0
<i>Optional firmware memory cards</i>	
SINAMICS SD card 512 MB + firmware V4.7 SP13 (Multicard V4.7 SP13)	6SL3054-7TG00-2BA0
SINAMICS SD card 512 MB + firmware V4.7 SP14 (Multicard V4.7 SP14)	6SL3054-7TH00-2BA0

Notes:

SINAMICS G120C compact converters with frame size FSAA can be operated as of firmware V4.7 SP3.

SINAMICS G120C compact converters with frame sizes FSD to FSF can be operated as of firmware V4.7 SP6.

SINAMICS G120 standard converters

0.37 kW to 250 kW (0.5 hp to 400 hp)

Control Units

Selection and ordering data

Optional memory card with firmware V4.7 SP13 or V4.7 SP14 for CU230P-2, CU240E-2 and CU250S-2 Control Units

Designation	Suitable for	Article No.
SINAMICS SD card 512 MB + firmware V4.7 SP13 (Multicard V4.7 SP13)	CU230P-2 CU240E-2 CU250S-2	6SL3054-7TG00-2BA0
SINAMICS SD card 512 MB + firmware V4.7 SP14 (Multicard V4.7 SP14)	CU230P-2 CU240E-2 CU250S-2	6SL3054-7TH00-2BA0

Optional memory cards with licenses for CU250S-2 Control Units only

Designation	SINAMICS SD card 512 MB + licenses ¹⁾	SINAMICS SD card 512 MB + firmware V4.7 SP13 (Multicard V4.7 SP13) + licenses ¹⁾	SINAMICS SD card 512 MB + firmware V4.7 SP14 (Multicard V4.7 SP14) + licenses ¹⁾	Licenses (without SD card) for upgrading license of an existing SD card ²⁾
	Article No.	Article No.	Article No.	Article No.
License Extended Functions Basic positioner (EPOS) • CoL in electronic form	6SL3054-4AG00-2AA0-Z E01	6SL3054-7TG00-2BA0-Z E01	6SL3054-7TH00-2BA0-Z E01	6SL3074-7AA04-0AH0
License Extended Functions Safety (SLS, SSM, SDI) • CoL in electronic form	6SL3054-4AG00-2AA0-Z F01	6SL3054-7TG00-2BA0-Z F01	6SL3054-7TH00-2BA0-Z F01	6SL3074-0AA10-0AH0
Licenses Extended Functions Basic positioner (EPOS) + Safety (SLS, SSM, SDI) • CoL in electronic form	6SL3054-4AG00-2AA0-Z E01+F01	6SL3054-7TG00-2BA0-Z E01+F01	6SL3054-7TH00-2BA0-Z E01+F01	—

¹⁾ The Certificate of License (CoL) is located on the SINAMICS SD card.
In addition, notification of an optional download is received by email.

²⁾ With a CoL in electronic form, the license is supplied as a PDF file.
Notification of this with a download link is received by email.

SINAMICS G120 standard converters
0.37 kW to 250 kW (0.5 hp to 400 hp)

Supplementary system components > Memory cards

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SINAMICS SD memory card

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- Up to 100 parameter sets can be stored.
- The memory card supports standard commissioning without the use of an operator panel such as the IOP-2, BOP-2 or the STARTER and SINAMICS Startdrive commissioning tools.
- If firmware is stored on the memory card and a Control Unit is installed, the firmware can be upgraded/downgraded during power-up ¹⁾.

Note:

The memory card is not required for operation and does not have to remain inserted.

Licenses can be optionally ordered for CU250S-2 Control Units in order to implement safety technology and positioning capability via the SINAMICS SD card. [For further information, refer to section Control Units.](#)

Selection and ordering data

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