

GIN-SAC3

High-End

Servo Drive



- ✓ **STO (Safe Torque Off)**
- ✓ **Up to 32 kHz sampling rate**
- ✓ **Up to 4 current filters**

Facts	
Motor voltage	325 to 565 V _{DC}
Motor current	2.5 to 24 A _{RMS} , 7.5 to 48 A _{RMS} peak
Sampling rate	Up to 32 kHz
Motor types	Servo, DC, linear, stepper motors
Feedback	Increment Resolver SinCos / EnDat / Hiperface / SSI / BiSS
Speed filter	Luenberger observer
Current filter	4 × low-pass / notch / two-load
Interfaces	GinLink slave, Gigabit Ethernet, RS232 serial interface
Safety	Safety function STO according to EN 61800-5-2, certified to EN ISO 13849-1, category 4 PLe
CPU	330 MHz PowerPC single-core
Operating system	Indel-Realtime-OS (INOS)
Dimensions	285 × 65 × 168 mm (h × w × d) to 285 × 110 × 168 mm (h × w × d)

The GIN-SAC3 servo drives are the ideal motor output stage for high-end, high-performance applications with motors rated at up to 565 V_{DC} and 24 A_{RMS}. One motor can be driven per GIN-SAC3; in addition, simultaneous monitoring and evaluation by two feedback systems is supported.

Thanks to the high CPU capacity available, processor-intensive customer algorithms can be implemented directly on the GIN-SAC servo drive if required.

The GIN-SAC3 implements the STO (Safe Torque Off) safety function.