

Lenze inverter portfolio

As individual as your application



Energy efficiency

Our inverters comply with the European Ecodesign directive, achieve the **lowest possible energy losses**, and thus ensure optimum efficiency in system design. The combination with our gearboxes and motors creates energy-efficient drive packages that guarantee low electricity costs, high energy efficiency and long-term planning for future regulations.

Flexibility

We offer a very comprehensive and **scalable inverter portfolio** for various needs in mechanical engineering. No matter which power, mains voltages, communications interfaces, or diagnostic options are needed – out of our product range you can choose the right solutions for your individual central or decentral application.









Compact design

Save costs where space is limited and expensive. Lenze inverters take up minimal space in the control cabinet. Our cabinet inverters convince with a very **slim design** and **zero-clearance mounting**. Our decentral inverters are also more compact and need less space than comparable products.





Easy-to-use

Commissioning is very intuitive – from simple to complex tasks. Many details in the device facilitate handling and significantly reduce the time required for installation, commissioning and service. These include voltage-free parameterization, easy menu navigation, practical default settings and pluggable connections.

Frequency inverters at a glance

	i510 cabinet	i550 cabinet	i550 motec	i550 protec
				
Design/Mounting	Cabinet	Cabinet	Wall or motor	Wall
Degree of protection	IP20	IP20	IP66	IP66
Mains connection/ Power range	0.25 – 15 kW	0.25 – 132 kW	0.37 – 45 kW	0.37 – 75 kW
Market approvals	CE, UKCA, UL, CSA, CCC, UKSepro	CE, UKCA, UL, CSA, CCC, UKSepro	CE, UKCA, UL, CSA	CE, UKCA, UL, CSA, CCC, UKSepro
Digital input/output	5/1	5/1	Max. 8/0 or 4/4 (configurable)	5/1
Analog input/output	2/1	2/1	-	2/1
Communication	CANopen Modbus RTU	CANopen EtherCAT EtherNet/IP IO-Link Modbus RTU Modbus TCP POWERLINK PROFIBUS PROFINET	EtherCAT EtherNet/IP IO-Link Modbus TCP PROFINET	CANopen EtherCAT EtherNet/IP IO-Link Modbus RTU Modbus TCP PROFINET
				

Servo inverters at a glance

	i750 cabinet	i950 cabinet
		
Design/Mounting	Cabinet	Cabinet
Degree of protection	IP20	IP20
Mains connection/ Power range	Single axis: 1.1 – 15 kW Double axis: 1.1 – 7.5 kW	0.37 – 110 kW
Market approvals	CE, UKCA, UL, CSA	CE, UKCA, UL, DOE, CCC
Digital input/output	3/2	4/1 I/O expansion modules available
Analog input/output	-	1/0
Communication	EtherCAT	EtherCAT Ethernet EtherNet/IP PROFINET Safety bus FSoE PROFIsafe safety bus on PROFINET Operation with safety PLC
		

Our frequency inverters adjust the speed and regulate the rotational torque.

Whether in the control cabinet, decentralized or directly mounted.

Our servo inverters are the specialists for motion control of one or more servo axes.