# Power Supplies, Power Electronics - connected.



**EXISTA** 

Trust in Power. United in the Exista Group, Exista and PowerParts are the Swiss based solution partners for industrial power supplies and power electronics. For industries that rely on the best power.



# Power, Supplies – connected.



**Exista** connects the Swiss Industry with the best power supply solutions. We offer a wide portfolio of standard products as well as in-depth experience for customerspecific requirements.

















Product	Description	Scope of Application
AC/DC Power Supplies	Open Frame/boxt Type, DIN Rail, modular, Module 1W to 10 kW, Peak- Power, customer-specific solutions	Industrial, Railway, Laboratory, Medical Technology, Household Appliances
DC/DC Converter	Open, Housing, DIN Rail, Module, 1.5W to 1.8kW, ultra-wide input range up to 18:1, Isolation up to 6kV, own brand Fabrimex	Industrial, Railway, Laboratory, Medical Technology, Defense
DC/AC Inverter	Input 12/24/48VDC, Output 230VAC True Sinus or Modified Sinus, Power from 300W to 5kW, protection functions	Mobile Power Supply, UPS, Solar Systems, Backup-Power Supply
Chargers	For all common battery types, smart and safe charging up to 200A, various designs, Computer controlled Chargers for automotive starter batteries (lead acid/gel/AGM/fleece/lithium-ion batteries)	Industrial, Medical, Car maintenance garages
Wall and Desktop Adapters	Power ranges from 5W to 360W, interchangeable AC plug, customized output cable assembly, compact designs, and high-power density (GAN technology)	Industrial, Medical, Laboratory, Household, Office
LED-Systems	Customized LED lighting solutions for specific applications. Spot and linear luminaires, modular design	Railway, Elevator, Medical, Industrial
LED-Power Supplies	Wide power range and designs, constant current and constant voltage, up to IP68 protection, control options such as PWM, DALI, O-10Vdc	Infrastructure, Outdoor, Street Lightning, Railway, Medical
Batteries	Custom battery packs, tested and certified, various cell technologies available, including BMS, charger, and assembly	Mobile Devices, Industrial, Medical, Household, Laboratory



















# Power, Electronics – connected.



**PowerParts** provides sophisticated and well-tuned solutions in power electronics. As an experienced partner with an eye for every detail, we support our customers in the evaluation, design-in, and customization.















Product	Description	Scope of Application
Power Semiconductors	MOSFET, IGBT, diodes, thyristors, Power- and combined power modules, gate driver ICs, gate units, stack assemblies, mounting accessories	Switching power supplies, chargers and converters, switches, high-voltage rectifiers, pulse power, welding, inductive heating, lasers, transmitters, and electroplating
Thermal conductive materials and insulation solutions	Thermal interface films, gap pads, heat spreaders, technical insulation and ceramic insulation	Electrical insulation, thermal connection, and compensation of mechanical tolerances between components
Air and water coolers	Extruded profiles, custom profiles, liquid coolers, modular high-performance coolers, heat pipe systems	Industrial, Railway, Laboratory, Medical Technology, Defense
Fans	Controlled AC and DC axial fans, IP-protected, oil-resistant, shock- resistant, and durable variants, PWM and monitoring, blowers	Railway, laboratory, medical technology, e-mobility, and industrial applications
Peltier elements	High-quality peltier elements for precise cooling or heating	Medical technology, laboratories, optoelectronics, and industry
Inductors/Transformers	HF transformers, transducers. Adjustment of inductance, design, thermal design, and mounting type	Power electronics, inverters, chargers, railway technology, and industrial electronics
Current and voltage transformers	Open loop and closed loop, galvanically isolated, Hall effect systems	Power electronics, inverters, chargers, railway technology, and industrial electronics
Stepper motors, servo systems an couplings	2- and 3-phase hybrid stepper motors, closed-loop systems with control, matching drivers, encoders, and accessories	Automation, laboratory equipment, medical technology, mechanical engineering, robotics, and positioning systems
Busbars	Insulated laminated, open systems in Al and CU, flexible busbars with built-in sensors	Industry, electroplating, energy technology, railway















# Power, Know-how – connected.

**Teampower** is the clear strength of Exista and PowerParts. We combine technology with support, logistics, and a deep understanding of the economic and technical success of your solution.



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## Power, Services – connected.

Both power supplies and power electronics: Exista and PowerParts combine comprehensive product portfolios with end-to-end services. The advantages of our full-service model are co-innovation thanks to qualified experts, perfection thanks to tested products and processes, and high satisfaction thanks to customer proximity in every respect.

## **Power Supplies**

AC/DC Power Supplies
DC/DC Converter
DC/AC Inverter
Chargers
Plugs and Power Adapters
LED-Systems
LED-Power Supplies
Batteries

## **Services**

Consulting
Engineering
Production
Logistics
Technical Laboratory
Repairs
Project Management
Training courses
Analysis & measurements

## **Power Electronics**

Power Semiconductor
Thermal conductive materials
Air and water coolers
Fans
Peltier Elements
Inductors/Transformers
Current and Voltage Transformers
Stepper motors and
Servo systems
Busbars



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