DC and AC Power Sources
Modular – Programmable – Efficient

VERSATILE

DC Applications
Testing / Simulation / Cycling / Charging / Discharging of: Batteries · Supercaps · Fuel Cells · Electrical Energy Storage Devices · On-board Electrical Systems and Components · E-Drive Trains · Photovoltaic and other Inverters · Plasma Surface Technology.

AC Applications
Grid Simulation · Simulation of Grid Impedance e.g. for Anti-Islanding Tests · RLC Load Mode · Power Amplifier · High Bandwidth Hardware in the Loop (P-HIL) with External Real-time Processor · R+D on Smart Grid Configurations.

AC and DC
General Test Lab Applications · Standard Tests · Programmable Tests · Versatile Educational Laboratory Applications.

OUR PRODUCT RANGE

TC.ACS Regenerative 4-Quadrant AC Power Sources
0 – 305 Vrms (L-N) · 0 – 528 Vrms (L-L)
30 kVA up to 1000 kVA
www.regatron.com/acs

TC.GSS Regenerative 2-Quadrant DC Power Supplies
0 – 1500 VDC*, 20 kW up to 2000+ kW
www.regatron.com/gss

TopCon Quadro DC Power Supplies
0 – 1500 VDC*, 10 kW up to 2000+ kW
www.regatron.com/tcp

TC.GXS Regenerative DC Electronic Loads
0 – 1500 VDC*, 20 kW up to 2000+ kW
www.regatron.com/gxs

TC.DSS Bidirectional DC/DC Converters
DC line side: 800 – 830 V
DC load side ratings: 0 – 1500 V*, 20 kW up to 2000+ kW
www.regatron.com/dss

Custom Designed Programmable Power
Few 100 W up to few 1000 kW
www.regatron.com/custom

NEW! G5 Series DC Power Supplies
www.regatron.com/g5

OUR TEST SOLUTIONS

Battery Simulators · www.regatron.com/batsim
Grid Simulators · www.regatron.com/gridsim
PV Simulators · www.regatron.com/pvsim

* Voltages up to 2000 VDC available on request

OUR BASIC COMMITMENT
Meeting ever Changing Application Requirements
Finely graduated voltage - / power levels
Modular design allows for parallel- or series configuration
Even mixed parallel- / series operation is available
Easily scalable and configurable by user in the field

Designed for Various Application Conditions
Air- or liquid cooling
2-channel safety interface and user safety options
Rugged models for harsh environmental conditions
Cabinet turn-key solutions

Unrivaled Programming Functionality
Application software packages for automated tests and efficient data logging / reporting:
- Battery Simulation (BatSim)
- Battery Testing (BatControl)
- Capacitance Simulation (CapSim)
- PV Simulation (SASControl)
- Grid Simulation (GridSim)

Programming interfaces and APIs
Operating software for configuration, settings, diagnostics
Integrated 8-channel scope for analysis

Made in Switzerland
Developed and manufactured by REGATRON
Performance – Precision – Quality
3 years warranty, extended warranty available
Widely recognized qualified and timely customer support