

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

Unrivalled 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

Regatron AG
Feldmuehlestrasse 50
9400 Rorschach
SWITZERLAND
www.regatron.com

Regatron Inc.
100 Overlook Center, 2nd Floor
Princeton, NJ 08540
USA
www.us.regatron.com