



From 1kV to over 200kV

- High Voltage DC Power Supplies

From 150W to over 240kW

- High Voltage Capacitor Chargers

From 150J/s to over 120 kJ/s

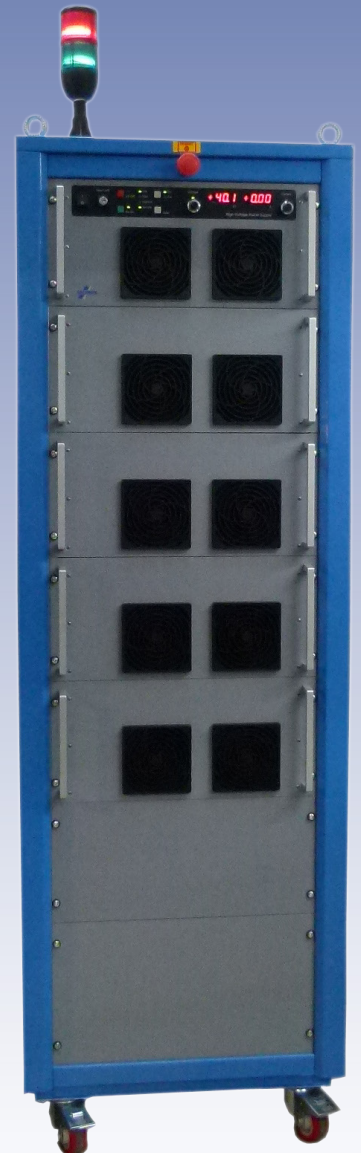
- Electron Beam Power Supplies

From 6kW to 60kW and more

HV Power sources Expertise



Reliability
Flexibility
Reactivity



- Double resonance technology (ZCS)
- Integration of the latest innovative technologies
- Valued expertise in High Voltage DC since 2000

- High precision
- High stability
- Low cost per Watt
- Automatic regulation crossover
- High reliability (MTBF > 40 000 hrs)
- Modular architecture
- Compact design
- Low temperature drift
- Low stored energy
- High efficiency (>90%)
- Low EMI and RFI
- Easy maintenance for «non stop» production
- Industrial design

Our commitment is to support our customers by supplying the most suitable solution for their applications



Safety switch key in standard

Remote control connector



Standard front panel

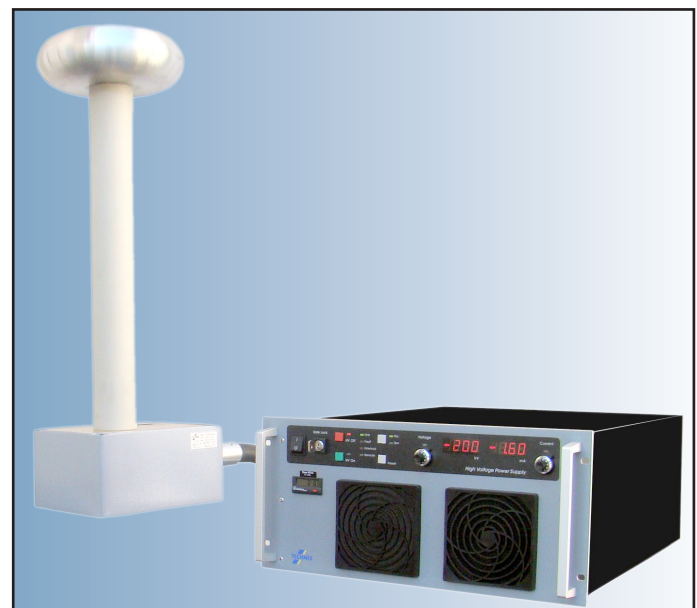
New digital front panel design



Standard

- Voltage & current outputs adjustable from 0 to 100%
- Customer voltage and current values*
- Total protection against arcs, overloads and short circuits
- Easy to use front panel
- Safety switch key
- Polarity display
- HV locked shield connector and plug
- Setting and monitoring from front panel and remote
- 0/10V remote, inhibit & interlock functions
- CE conformity

** You can choose your own Vmax and Imax output values with no extracost*



*HV power supply
200kV - 600W
with anti-corona ring*



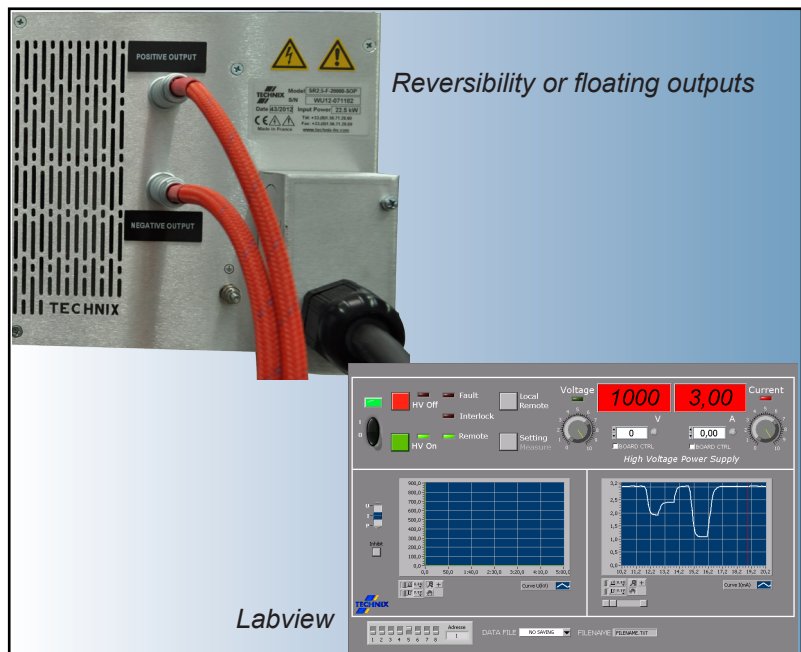
HV Network cables tests
30kV - 600W
transportable «all terrain»

Custom

- OEM custom design
 - Customer voltage and current values*
 - Electronic sequences of programming
 - 24V DC relay output interface
 - Safety signs and hazard alert devices
 - Customer remote interface adaptation
 - Specific AC mains power inputs
 - Transportable «all terrain» container
- * You can choose your own Vmax and Imax output values with no extracost

Options

- Floating outputs
- Reversible polarity
- Zero floating, iso remote
- Power regulation
- Relay interface
- Arc managing : detection and counting
- RS232/485, GPIB, Profibus, Ethernet interfaces
- Optic fiber transmission
- Labview driver
- Remote front panel
- Control unit: 3 & 6 units
- High repetition frequency for capacitor chargers



Reversibility or floating outputs

Labview

Peak power/ average	300 W 150J/s	600 W 300 J/s	1.2 kW 600 J/s	1.5kW 750 J/s	3 kW 1.5 kJ/s	5 kW 2.5 kJ/s	6 kW 3 kJ/s	8kW 4 kJ/s	10 kW 5 kJ/s	12 kW 6 kJ/s	15 kW 7.5 kJ/s	20 kW 10 kJ/s	30 kW 15 kJ/s	40 kW 20 kJ/s	50+ kW 25+ kJ/s
700 V to 10 kV															
15 kV															
20 kV					(2)										
30 kV					(2)					(2)	(2)	(2)			
40 kV					(1)					(2)	(2)	(2)			
50 kV					(1)				(2)	(2)	(2)	(2)			
60 kV					(1)					(2)	(2)	(2)			
80 kV					(1)										
90 kV															
100 kV															
120 kV															
150 kV															
200 kV															

On request

(1) Exist only as Capacitor Charger (2) Frame size is given for Capacitor Charger. DC power supplies are one frame bigger

3U 19" Rack		5U 19" Rack		7U 19" Rack	10U 19" Rack	19" Cabinet
480mm depth	600mm depth	480mm depth	600mm depth	600mm depth	600mm depth	

For higher voltages and powers, please contact us



Capacitor charger
45kV - 15kJ/s
Custom compact design
25kg - 25 liters



Multisources
Electron beam
60kV - 40 kW
Filament, Wehnelt,
Bombardment power supplies



HV power supply
30kV - 72kW
Grid applications



HV power supplies
1kV to 4kV - 120kW

Routine tests for railway and solar static converters

TECHNIX key values

- **REACTIVITY:** of our sales and technical teams
- **FLEXIBILITY:** we answer to your specificities
- **RELIABILITY:** thousands of products already delivered worldwide to demanding and prestigious customers
- **TECHNICAL SUPPORT:** direct contact with our designers
- **EUROPEAN PRODUCT:** designed and manufactured in France
- **RESPECT OF COMMITMENTS** on deliveries, support and quality
- **COMPETITIVITY:** low cost per Watt

The right connector for each model

A wide range of cables and connectors up to 200kV

