

YOUR HIGH-VOLTAGE POWER SUPPLY



Please complete the following questionnaire so we can offer you various solutions for an optimal high-voltage power supply. Multiple answers are possible.

CONTACT DATA

1

Company, Institute, Group

Postal code

City

Street, Number

Country

Contact person (first name, last name)

Contact person (function)

E-Mail-Address

Telephone

APPLICATION

2

Intended application (please describe briefly if possible)

Field of application

Research

Industry

Do you have any questions while completing the form or would you like technical advice?

Please contact us by email at sales@iseg-hv.de or by phone at **+49 351 26996-0**.

You can also use our product configurator at iseg-hv.com/de/products/configurator



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PROJECT

3

Acquisition

- Single purchase
- Series production

If series production: Planned number of units per year

Acquisition

- New development/new acquisition
- Replacement of an existing solution

If replacement: Previous solution (specify if possible)

Planned or existing budget (specify if possible)

Max. delivery time (Weeks)

REQUIREMENTS

4

Type of power supplies

- DC high voltage source
- High voltage amplifier
- Pulsed high voltage supply
- Low-voltage precision source
- HV measuring device/SMU

Main Features

- High voltage stability
- Low ripple / noise
- High temperature stability
- Precise current measurement
- No overshoot/Slight overshoot
- ARC detection

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TECHNICAL PARAMETERS

5

OUTPUT PARAMETERS

Max. required voltage (VDC)	Max. required current	Max. required power
V	mA	W

Number of high-voltage channels			
1	4	16	> 48
2	6	24	
3	8	48	

Polarity
Positive
Negative
Polarity electronically switchable
Bipolar (4 Quadrants)
Mixed polarity (with multiple channels, different channel polarities per device)

HV-Connectors (if already known)	Form factor
SHV	PCB mounting module
BNC	Built-in module, compact metal box
REDEL MULTIPIN	19" rack-mounted device
GES	Tabletop/laboratory device
LEMO	HV module in NIM standard
Open cable end	Open frame, customer-specific
Other	

INPUT PARAMETERS

5V DC 12V DC 24V DC 100-240V AC 85-264V AC 3x400V AC

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Please complete the following questionnaire so we can offer you various solutions for an optimal high-voltage power supply. Multiple answers are possible.

Control

- Local front panel operation via LCD and rotary knobs
- Local front panel operation via touch screen
- Remote

Hardware interfaces

- Analog IO 0-5 V
- Analog IO 0-10 V
- Ethernet
- USB
- CAN
- RS232
- IEEE 488
- EtherCAT
- PROFIBUS
- WiFi
- SPS
- OTHER

Software interfaces/API

- SCPI
- EPICS
- OPC-UA
- SNMP
- Python
- LabView
- SweepMe!
- OTHER

Safety

- Hardware limit voltage
- Hardware limit current
- Safety Loop
- Interlock
- Inhibit

Additional accessories, comments (e.g. cable!)

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