

# SCHIEDERWERK



## HVPS 60-30 DC

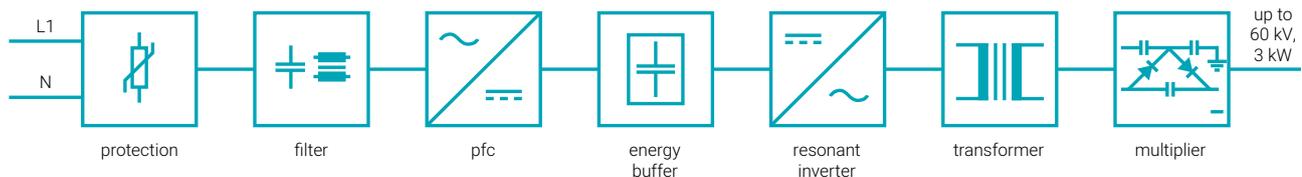
The power supply for your high voltage applications.

A DIVISION OF *LEGRIS* INDUSTRIES

# High Voltage Power Supply HVPS 60-30 DC

Exceptional high precision paired with reliability and performance.

The high voltage power supply HVPS 60-30 DC combines outstanding performance with state-of-the-art control technology. With flexible integrated regulation, the device operates with minimal ripple and exceptionally low noise. Its air-cooled design ensures reliable continuous operation, while fast response times, precise control, and extremely low leakage currents guarantee maximum efficiency and safety.



## Technical Data

Max. continuous system output power	3,000 W
Output voltage	0 to +60 kV DC (ref. PE)
Output voltage stability	<b>static</b> <0.005 % for input variation 187 - 264 V <0.01 % +0.5 mV for 0 to 100 % output load variation <b>long term</b> 0.01 % per hour after 1/2h warm-up, 0.05 % per 8 hours <b>temperature</b> 0.01 % /°C
Output voltage repeatability	<0.1 % rated
Output voltage ripple	< 0.05 % rated + 1 V rms at full load
Output current regulation	< 0.1 % above 8 kV < 0.2 % below 8 kV

## Key Features

- Single phase AC input
- Continuous operation at full power rated
- Remote analog Interface (25 pin connector) and Digital Interface (RS-485)
- 0 to 100 % programmable voltage & current
- Voltage & current monitor outputs
- Short circuit and overload protection
- -20°C to +40° operating temperature
- 4U 19" Rack mount
- Arc protection with integrated arc counter