HIGH PRECISION
POWER ELECTRONICS

M-Power-Line

Key Features

- Multifunctional control panel
- Compact 19" 2U rack mount or table top package
- Low output ripple (0,1% peak-peak, f ≤10MHz)
- Integrated ARC counter
- Active PFC (Power Factor >95%)
- Wide range single phase AC input
- LAN and USB interface
- Data streaming and logging

HIGH QUALITY
MADE IN GERMANY

Product know-how since 1978

HIGH PRECISION
POWER ELECTRONICS

M-Power-Line

Model with positive or negative polarity	Power (W)	Max. Voltage (kV)	Max. Current (mA)
MPL 200-10000	200	10	20
MPL 500-10000	500	10	50
MPL 1000-10000	1000	10	100
MPL 200-30000	200	30	7
MPL 500-30000	500	30	17
MPL 1000-30000	1000	30	33
MPL 200-50000	200	50	4
MPL 500-50000	500	50	10
MPL 1000-50000	1000	50	20

The M-Power-Line units are designed and manufactured according to EN 61010, EN61000-6-2 and EN61000-6-3. Conformity to European directives is confirmed by the CE mark.

fug-elektronik.de/m-power-line

FuG Elektronik GmbH
Am Eschengrund 11
D-83135 Schechen

Phone +49 8039 40077 0
E-Mail info@fug-elektronik.de
Web www.fug-elektronik.de

M-Power-Line

Compact **DC High Voltage Power Supplies**

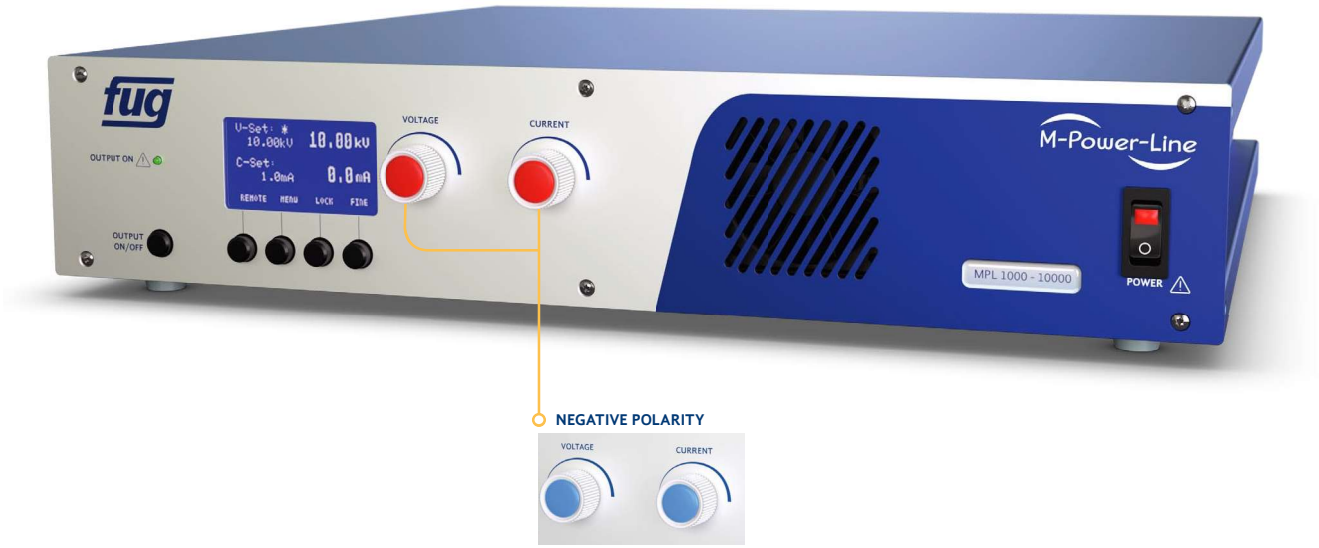
10kV/30kV/50kV
200W/500W/1000W

Highly Competitive

Multifunctional

Wide Range of Applications

M-Power-Line Compact **DC High Voltage Power Supplies**



Applications

- **Laboratory power**
- **Photomultiplier / Secondary electron multiplier**
- **High-voltage test stands**
- **Gas discharge / Plasma**
- **Electrostatics**
- **Sputtering**
- **Capacitor / Insulation testing**
- **Ion sources**
- **Nuclear fusion research**
- **Particle accelerators**

Description

The M-Power-Line series is a competitive, highly efficient, compact power supply with robust design. Combining simple operation and an easy to use multi-function display, these power supplies are well suited for applications in industry, science and research.

Average Output Power	200W, 500W, 1000W
Output Voltage Range (kV)	See models list, variable from 0.1 to 100% of rated voltage
Output Current Range (mA)	See models list, variable from 0.1 to 100% of rated current
AC Input	Wide range 110-230VAC (± 10%) Single phase, 47-63Hz
AC Input Connector	IEC60320 C20 receptacle
Power Factor	> 0.95 at full load at nominal AC line
Efficiency	85 - 90% at full load

Data Sheet

Complete Data Sheet available:
fug-elektronik.de/m-power-line