



Voltage, current and over-voltage protection (OVP) continuously adjustable from 0 to full output via

- Front panel controls (ten turn)
- Remote programmable (0-10V)
- RS232 (incl. by default)
- Plug in IEEE-488-Interface (optional)

<b>Voltage (V<sub>DC</sub>)</b>	0-20	0-30	0-40	0-60	0-100	0-250	0-350	0-450	0-600	0-800
<b>Current (A<sub>DC</sub>)</b>	0-250	0-167	0-125	0-83	0-50	0-20	0-7	0-11	0-8	0-6

### Features

- **5000W Output**
- High efficiency
- High power switch mode AC to DC power supplies
- Constant Current / Constant Voltage operation with automatic crossover
- Monitor for voltage and current (0-10V) for 0 to full output
- Remote sensing
- Short circuit protection
- Softstart, Transient protection
- Remote ON/OFF (standby)
- Series or parallel operation, master slave operation
- Thermal protection, derating
- Compact 19" rack, 3 U

**Call us for a customer requested solutions, like other current/voltage-configurations**

### Specifications

- **Constant Voltage Mode (CV)**  
**Voltage output range:** ≤ 100mV to full output voltage, 10 turn potentiometer  
**Line regulation:** 0,01% (± 10% line change)  
**Load regulation:** 0,025%  
**Regulation time:** 20ms load change from 5% to 100% (100mV), 20ms load change from 100% to 5% (100mV), 10ms load change 30% (50mV)  
**Ripple:** ≤ 30mV<sub>rms</sub>, 150mV<sub>pp</sub>, for U<sub>A</sub> > 500V ± 0,05% U<sub>A</sub>  
**Temperature coefficient:** 0,01% V<sub>max</sub>. / °C (0-50°C)  
**Remote sensing:** Max. line drop 1V or 1% of V<sub>max</sub>. / output line

- **Constant Current Mode (CC)**  
**Current output range:** ≤ 100mA to full output current, 10 turn potentiometer  
**Line regulation:** 0,01% (± 10% line change)  
**Load regulation:** 0,1% (100% load change)  
**Temperature coefficient:** 0,01% C<sub>max</sub>. / °C (0-50°C)

**Output:**  
Floating, insulated until 500V<sub>DC</sub> at V<sub>max</sub>. ≤ 350V,  
above insulated more than 1,5V<sub>max</sub>.

**Input voltage:**  
400V<sub>AC</sub> ± 10%, 47..65Hz

**Input current:** appr. 10A per phase,  
3 phase, 5 wire; soft start

### Other details

**Design principle:** Switch mode power converter  
**Remote:** Remote ON/OFF-control input 5-15V  
**Programming:** 0-10V for voltage and current, 0-12V OVP, resistance programming possible  
**Storage temperature:** -20..+70°C  
**Operating temperature:** 0..+40°C, without derating  
**Metering:** Analog meters for voltage and current, meters accuracy ± 2,5%

**Cooling:** fan 2-steps, temperature controlled speed  
**Mechanical:** H x W x D: 132 x 443 x 650 (mm), without frontpanel components, with connectors at back panel  
**Wight:** appr.43 kg

### Options

- Opt. 07** 3 x 200V<sub>AC</sub> Input voltage
- Opt. 34** IEEE-488 Listener-Talker-Interface
- Opt. 50** Digital meters LEDs 4 digit
- Opt. 51** Analog meters

Back view

