

Thyro-Power-LK

**Devices with:****UDC = 2 - 1.500V****IDC = 100 - 15.000A**

The basic structure of the series **Thyro-Power-LK** is characterized through electronic thyristor-primary plates (W3C) and high power transformers with downstreamed diode set in 6-pulse switching. Construction and planning are accomplished in our inhouse therefore we can give our customers the maximum on flexibility. This is concluded by our high level in-house production also referred with our in-house transformer manufacture.

Technical Data:

Mains:	3x 400V / 50Hz (worldwide network adjustment possible)
Regulation:	Current and voltage constant
Setting range:	0 - 100% freely adjustable
Report:	Current, Voltage, Status, Malfunction
Operation:	Interface for external control
Ripple:	< 7% with regulated output voltage (< 5% with full modulation)
Ambient temperature.:	+35°C (higher temperature possible)
Control: Phases;	network undervoltage, short-circuit detection, temperatures, water flow, water pressure
Protection class:	IP00 - IP54 (with Air-Water-Heat exchanger)

Options:

- Bus coupling (Profibus; Interbus-S; CAN-Bus; RS-485)
- Electronic change of output polarity (bipolar mode)
- IPS-Power-Puls
- Transformer tapping
- Smoothing equipment
- Ah-Counter-Function
- Main switch externally on door
- Remote control
- Special construction according to customer request possible

IPS-Thyro-Power-LK provides:

- Very fast regulation
- High level on control accuracy
- Short-circuit monitoring
- No mechanical abraision
- Low-Maintenance and reliable

**Member of SK-Group**