

# KTL-Power-LK



The design of the product range **Thyro-Power-LK** for CED/ETL-plants is characterized by feed transformer, main switch, thyristor rectifier as B6C (sec.), current limitation, smoothing choke and a PLC. All process signals can be saved, changed, sent and displayed.

## Single unit from:

*UDC* = 100 - 1.000V

*IDC* = 100 - 4.000A

## Technical Data:

Mains:	3x 400V / 50Hz (Medium voltage adjustmang e.g. 3x10kV/50Hz possible)
Regulation:	Current and voltage constant
Setting range:	0 - 100% freely adjustable
Current limit:	20-100% freely adjustable
Operation:	Interface for external control
Ripple:	< 7% with regulated rated output voltage (< 5%with full modulation)
Ambient temperature.:	+35°C (higher temperature possible)
Cooling:	Forced Air-cooling
Control:	Phases; network undervoltage, short-circuit detection, temperatures, water flow, water pressure
Protection class:	IP20 (Standard)

## Options:

- Bus coupling (Profibus; Interbus-S; CAN-Bus; RS-485)
- Switch panels for the multiple allocation of the DC-Output voltage
- Coupled thyristors
- Freewheel diodes
- Polarisation voltage freely adjustable
- Platform DC tension curve (adjustable)
- End current registration / Bath-short circuit detection
- Potential free anode current detection
- Our Pulse-power supplies can be parallely arranged for performance increasement

## IPS-KTL-Power-LK provides:

- Fast regulation
- High regulation accuracy
- Short circuit detection
- No mechanical abraision wear
- Low maintenance and reliable



Member of SK-Group