

# LAB/ACO High power sources

## Up to 1 MW



### OVERVIEW

- Robust Design
- Thru Thyristor regulated
- Constant voltage and current mode
- Currents up to 50.000A
- Voltages up to 400VDC
- Manually control access
- Analogue, RS232 and GPIB interfaces

### DESCRIPTION

Robust, thyristor regulated DC Source for high power test applications up to 1MW DC o/p power. Adjustment of o/p voltages and current from 0 to 100% via manual control board or analogue Interfaces 0-5(10)VDC or digital interfaces RS232, RS485 or IEEE 488. An optional filtering (build in) will reduce the o/p ripple drastically. An internal air cooling system will control the unit. (convection cooling on request). Safety protections as super fast fuses, current,- voltage- and power limits, also thermal protections are standard.

Type	Output voltage / V	Output current / A	Power /k W	Dimension
LAB/ACO XX/YY	10, 20, ... 500	10,20 ... 50.000	0.01 ... 1	TBA

### TECHNICAL DATAS

Input voltage	3 x 208 or 3 x 400VAC
Isolation i/p to o/p	3000 VAC
Safety	EN 60950
Emission	EN 61000-6-4
Immunity	EN 61000-6-2
Response time	<100mS
Ripple	<5% (2% opt.)
Stabilty	<1%
Display	3.5 digits for U and C
Protection	OC / OT / OP
Interface analogue	0-5(10)V option
Interface analogue isolated	0-5(10)V option
Interface RS 232	option
Interface IEEE 488	option
Operating temperature	-10 to +40°C
Operating Humidity	30-90% (no dewdrop)