

## LAB/HP DC Sources 5 - 15 kW



Picture similar to original

### OVERVIEW

- Efficiency up to 94%
- Compact design 15kW in 3 U
- Active parallel mode
- User comfort via front panel operation
- CC ,CV, CR and CP mode standard
- Storable space for freely programmable U/I Curves, playable over an external SD card
- Storable U/I curves (e.g. for PV-Simulation and sequential control)
- Graphic Display
- Analogue Interface 5/10 VDC to set and read out, (option)
- Interface IEEE 488, RS232/485, USB and LAN (option)
- Line i/p available for world wide using
- Special versions on request

### TYPES

Type	Power W	Voltage V	Current A	Dimensions
LAB/HP 540	5.000	0 - 40	0 - 125	19" x 3U x 600mm
LAB/HP 580	5.000	0 - 80	0 - 65	19" x 3U x 600mm
LAB/HP 5100	5.000	0 - 100	0 - 50	19" x 3U x 600mm
LAB/HP 5150	5.000	0 - 150	0 - 35	19" x 3U x 600mm
LAB/HP 5300	5.000	0 - 300	0 - 17	19" x 3U x 600mm
LAB/HP 5600	5.000	0 - 600	0 - 8,5	19" x 3U x 600mm
LAB/HP 1040	10.000	0 - 40	0 - 250	19" x 3U x 600mm
LAB/HP 1080	10.000	0 - 80	0 - 130	19" x 3U x 600mm
LAB/HP 10100	10.000	0 - 100	0 - 100	19" x 3U x 600mm
LAB/HP 10150	10.000	0 - 150	0 - 70	19" x 3U x 600mm
LAB/HP 10300	10.000	0 - 300	0 - 34	19" x 3U x 600mm
LAB/HP 10600	10.000	0 - 600	0 - 17	19" x 3U x 600mm
LAB/HP 1540	15.000	0 - 40	0 - 375	19" x 3U x 600mm
LAB/HP 1580	15.000	0 - 80	0 - 195	19" x 3U x 600mm
LAB/HP 15100	15.000	0 - 100	0 - 150	19" x 3U x 600mm
LAB/HP 15150	15.000	0 - 150	0 - 100	19" x 3U x 600mm
LAB/HP 15300	15.000	0 - 300	0 - 50	19" x 3U x 600mm
LAB/HP 15600	15.000	0 - 600	0 - 25	19" x 3U x 600mm

Other versions on request

## OPTIONS

Suffix	Description
../3P208	i/p 3 x 208 / 187 - 229
../3P400	i/p 3 x 400 / 360 - 440VAC
../3P480	i/p 3 x 480 / 432 - 528VAC
../ATE	Only ATE mode, no frontpanel
../ATI5	Isolated analogue interface set and monitor
../ATI10	Isolated analogue interface set and monitor
../LT	Interface IEEE 488,GPIB,
../LTRS485	Interface RS 485, 12
../LTRS232	Interface RS 232, 12
../LAN	Interface LAN
../USB	Interface USB
../KFZ12	car starting curve 12VDC
../KFZ24	car starting curve 24VDC
../OPT	Output characteristics
../SD	SD card

## TECHNICAL DATAS

Input voltage	see option table
Input Frequency	47-63Hz
Harmonics	EN61000-3-2 A14
Isolation i/p to o/p	3000 VAC
Isolationclass	1
Safety	EN 60950
Emission	EN 61000-6-4
Immunity	EN 61000-6-2
Voltage regulation	+/-0.05%+2mV
Current regulation	+/-0.1%+2mA
Response time	<0.5mS (typ.)
Ripple	<0.025% / o/p voltage /mVrms
Stabilty	0.05%
Overvoltage protection	105-110% Vmax/ adj.
Sense lines	2V at <35V / 5V at >35V
Display	3.5 digits for U and C
Protection	OC / OV / OT / OP
Interface analogue	0-5(10)V option
Interface analogue isolated	0-5(10)V option
Interface RS 232	see options 12 Bit
Interface IEEE 488	see options 12 Bit
Operating temperature	0-50°C
Operating Humidity	0-95% (no dewdrop)
Power derating 50-70°C	-2%/°C
Cooling	force air front to back
Storage temperature	-45 to + 85°C
Storage humidity	0-95% (no dewdrop)
Vibration	10-55Hz / 1min/2G XYZ
Shock	Less than 20 G
Weight	5 kW 19 kg, 10 kW 26 kg, 15 kW 33 kg