

High Power Digital Lab Series

3000W

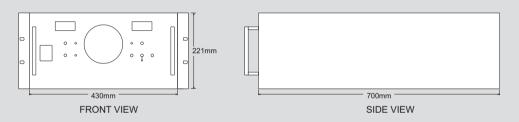
Regulated DC Power Supply

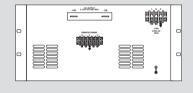


- 3000W different combination
- High current density.
- 19" rack adaptable -5U high
- Remote sensing.
- Front panel potentiometer to set V&I
- 3Digit seven segment display for V&I
- High stability and close regulation
- Phase controlled preregulation plus linear post regulation

Optional, at extra cost

- Over voltage protection
- 19" rack mounting





REAR VIEW

Note: Input & output cable will not be provided along with Power Supply

Input Voltage							
Output Voltage 0 to 32V 0 to 64V 0 to 128V 30 to 300V 60 to 600V 150 to 1000 Output Current 0 to 100A 0 to 50A 0 to 25A 0 to 10A 0 to 5A 0 to 3A Line Regulation CV * ±0.01% ±5mV ±0.01% ±5mV ±0.01% ±5mV ±0.01% ±5mV ±0.01% ±5mV ±0.01% ±5mV N.A. N.A. N.A. N.A. N.A. Output Ripple CV (max) N.A. N.A. N.A. N.A. Output Ripple CV (max) N.A.	MODEL	L3299	L6450	L12825	H3010	H6005	H1030
Output Current 0 to 100A 0 to 50A 0 to 25A 0 to 10A 0 to 5A 0 to 3A Line Regulation CV * ±0.01% ±5mV ±0.01% ±5mV ±0.01% ±5mV ±0.01% ±5mV ±0.01% ±5mV ±0.01% ±5mV N.A. N.A. N.A. N.A. N.A. N.A. Output 2.10mA N.A. N.A. N.A. N.A. N.A. Output Ripple CV (max) 100mA rms N.A. N.A. N.A. N.A. N.A. N.A. N.A. Operating Temp. O to 50°C O to 50°C O to 50°C O to 50°C Oto 50°C	Input Voltage	230V AC, ±10%, 50Hz, 1phase			230V AC, ±10%, 50Hz, 1phase		
Line Regulation CV * ±0.01% ±5mV ±0.01% ±5mV Load Regulation CV! ±0.01% ±5mV ±0.01% ±5mV Line Regulation CC * ±0.1% ±10mA N.A. Load Regulation CC!! ±0.1% ±10mA N.A. Output Ripple CV (max) 1mV rms 150mV rms 300mV rms 500mV rm Output Ripple CC (max) 100mA rms N.A. N.A. Remote Sensing Provided N.A. N.A. Operating Temp. 0 to 50°C 0 to 50°C Protection OL/SC (current limit type) — Indications (LED) CV & CC — 3 Digit DPM V & I V & I Meter Accuracy ±3 counts ±3 counts Input On/Off M.C.B. M.C.B. V Set Pot Multi turn Multi turn I Set Pot Multi turn Single turn Dimensions apprx. ** 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm	Output Voltage	0 to 32V	0 to 64V	0 to 128V	30 to 300V	60 to 600V	150 to 1000V
Load Regulation CV !	Output Current	0 to 100A	0 to 50A	0 to 25A	0 to 10A	0 to 5A	0 to 3A
Line Regulation CC * ±0.1% ±10mA N.A. Load Regulation CC !! ±0.1% ±10mA N.A. Output Ripple CV (max) 1mV rms 150mV rms 300mV rms 500mV rm Output Ripple CC (max) 100mA rms N.A. N.A. N.A. N.A. N.A. N.A. Operating Temp. 0 to 50°C 0 to 50°C 0 to 50°C OU/SC (current limit type) — — N.A.	Line Regulation CV *	±0.01% ±5mV			±0.1% ±5mV		
Load Regulation CC !!	Load Regulation CV !	±0.01% ±5mV			±0.01% ±5mV		
Output Ripple CV (max) 1mV rms 150mV rms 300mV rms 500mV rm Output Ripple CC (max) 100mA rms N.A. N.A. Remote Sensing Provided N.A. N.A. Operating Temp. 0 to 50°C 0 to 50°C Protection OL/SC (current limit type) — Indications (LED) CV & CC — 3 Digit DPM V & I V & I Meter Accuracy ±3 counts ±3 counts Input On/Off M.C.B. M.C.B. V Set Pot Multi turn Multi turn I Set Pot Multi turn Single turn Dimensions apprx. ** 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm	Line Regulation CC *	±0.1% ±10mA			N.A.		
Output Ripple CC (max) 100mA rms N.A. Remote Sensing Provided N.A. Operating Temp. 0 to 50°C 0 to 50°C Protection OL/SC (current limit type) — Indications (LED) CV & CC — 3 Digit DPM V & I V & I Meter Accuracy ±3 counts ±3 counts Input On/Off M.C.B. M.C.B. V Set Pot Multi turn Multi turn I Set Pot Multi turn Single turn Dimensions apprx. ** 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm	Load Regulation CC !!	±0.1% ±10mA			N.A.		
Provided N.A.	Output Ripple CV (max)	1mV rms			150mV rms	300mV rms	500mV rms
Operating Temp. 0 to 50°C 0 to 50°C Protection OL/SC (current limit type) — Indications (LED) CV & CC — 3 Digit DPM V & I V & I Meter Accuracy ±3 counts ±3 counts Input On/Off M.C.B. M.C.B. V Set Pot Multi turn Multi turn I Set Pot Multi turn Single turn Dimensions apprx. ** 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm	Output Ripple CC (max)	100mA rms			N.A.		
Protection OL/SC (current limit type) — Indications (LED) CV & CC — 3 Digit DPM V & I V & I Meter Accuracy ±3 counts ±3 counts Input On/Off M.C.B. M.C.B. V Set Pot Multi turn Multi turn I Set Pot Multi turn Single turn Dimensions apprx. ** 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm	Remote Sensing	Provided			N.A.		
CV & CC	Operating Temp.	0 to 50°C			0 to 50°C		
3 Digit DPM V & I V & I Meter Accuracy ±3 counts ±3 counts Input On/Off M.C.B. M.C.B. V Set Pot Multi turn Multi turn I Set Pot Multi turn Single turn Dimensions apprx. ** W × H × D 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm	Protection	OL/SC (current limit type)			_		
Meter Accuracy ±3 counts ±3 counts Input On/Off M.C.B. M.C.B. V Set Pot Multi turn Multi turn I Set Pot Multi turn Single turn Dimensions apprx. ** W × H × D 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm	Indications (LED)	CV & CC			_		
Input On/Off	3 Digit DPM	V & I			V & I		
V Set Pot Multi turn Multi turn I Set Pot Multi turn Single turn Dimensions apprx. ** 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm W × H × D 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm	Meter Accuracy	±3 counts			±3 counts		
I Set Pot Multi turn Single turn Dimensions apprx. ** 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm W × H × D 19 inches × 221 mm × 700 mm 19 inches × 221 mm × 700 mm	Input On/Off	M.C.B.			M.C.B.		
Dimensions apprx. ** 19 inches × 221 mm × 700 mm W × H × D 19 inches × 221 mm × 700 mm	V Set Pot	Multi turn			Multi turn		
W × H × D	I Set Pot	Multi turn			Single turn		
Weight apprx. (Kg) 57.0 54.0 55.0	Dimensions apprx. ** W × H × D	19 inches × 221 mm × 700 mm			19 inches × 221 mm × 700 mm		
	Weight apprx. (Kg)	57.0			54.0 55.0		

Terminals: Input and output at rear side



^{*} For 10% variation in input voltage with constant rated load. ** All dimensions are behind the panel and excluding legs. I Load change from no load to full load. !! Change in output voltage from zero volt (short circuit) to max. output voltage.

WE PURSUE A POLICY OF CONTINUOUS DEVELOPMENT AND PRODUCT IMPROVEMENT. THUS THE SPECIFICATIONS IN THIS DOCUMENTS AND THE LOCATION OF CONTROLS ON THE FRONT PANEL MAY BE CHANGE D WITHOUT NOTICE