



### Type: L3299

3KW DC POWER SUPPLY

- 2200W to 3200W different combination
- High current density
- 19" rack adaptable-5U high
- Front panel potentiometer to set V&I
- Remote sensing.
- 3Digit seven segment display for V&I
- High stability and close regulation.
- Phase controlled pre-regulation plus linear post regulation.

### Optional

- Over voltage protection
- 19" rack mounting.
- Analogue programming can be provided only for model no. L3299, L6450 & L12825.



## ELECTRICAL SPECIFICATION: 3KW DC POWER SUPPLY

MODEL	L3299	L6450	L12825	H3010	H6005	H1030
Input Voltage	230VAC $\pm$ 10% 1 Phase	230VAC $\pm$ 10% 1 Phase	230VAC $\pm$ 10% 1 Phase	230VAC $\pm$ 10% 1 Phase	230VAC $\pm$ 10% 1 Phase	230VAC $\pm$ 10% 1 Phase
Input Frequency	50Hz $\pm$ 2Hz	50Hz $\pm$ 2Hz	50Hz $\pm$ 2Hz	50Hz $\pm$ 2Hz	50Hz $\pm$ 2Hz	50Hz $\pm$ 2Hz
Output Voltage	0 to 32V	0 to 64V	0 to 128V	30 to 300V	60 to 600V	150 to 1000V
Output Current	0 to 100A	0 to 50A	0 to 25A	0 to 10A	0 to 5A	0 to 3A
Line Regulation CV *	0.05%+5mV	0.05%+5mV	0.05%+5mV	0.05%+5mV	0.05%+5mV	0.05%+5mV
Line Regulation CC *	0.1%+10mA	0.1%+10mA	0.1%+10mA	NA	NA	NA
Load Regulation CV	0.05%+5mV	0.05%+5mV	0.05%+5mV	0.05%+5mV	0.05%+5mV	0.05%+5mV
Load Regulation CC	0.1%+10mA	0.1%+10mA	0.1%+10mA	NA	NA	NA
Output Ripple CV	1mV rms	1mV rms	1mV rms	10mV rms	10mV rms	10mV rms
Output Ripple CC	100mA rms	100mA rms	100mA rms	NA	NA	NA
Remote Sensing	Provided	Provided	Provided	NA	NA	NA
Operating Temp.	0 to 50°C	0 to 50°C	0 to 50°C	0 to 50°C	0 to 50°C	0 to 50°C
Protection	OL/SC	OL/SC	OL/SC	OL/SC	OL/SC	OL/SC
Indication (LED)	CV/CC	CV/CC	CV/CC	CV/CL	CV/CL	CV/CL
3 Digit DPM	V & I	V & I	V & I	V & I	V & I	V & I
Meter Accuracy	$\pm$ 3 counts	$\pm$ 3 counts	$\pm$ 3 counts	$\pm$ 3 counts	$\pm$ 3 counts	$\pm$ 3 counts
Controls (2Pole MCB)	Input On/Off	Input On/Off	Input On/Off	Input On/Off	Input On/Off	Input On/Off
Multi Turn Pots	'V' Set/'I' Set	'V' Set/'I' Set	'V' Set/'I' Set	'V' Set/'I' Set	'V' Set/'I' Set	'V' Set/'I' Set
Dimensions (approx) W x H x D (mm) **	430x221x700	430x221x700	430x221x700	430x221x700	430x221x700	430x221x700

\* For  $\pm$ 10% variation in input line voltage with constant rated load.

\*\* All dimensions are depth behind the panel and height excluding leg

**NOTE:** ■ Aplab Limited reserves all right to specifications and are subject to change without notice ■ Minimum o/p voltage is 0.15% of rated voltage at zero output setting.  
■ Minimum o/p current is 0.2% of rated current at zero output setting when measured with rated load resistance.

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Type: L3299 (Rear View)



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