



Application: Digital & Analog Test/Electroplating/Battery Charge/Automation/General Purpose etc...

- Constant Voltage/Constant Current Operation
  - Two Digital Meters-3 Digit DPMs
- Phase Controlled Pre Regulation Plus Linear Post-Regulation
  - High Stability and Close Regulation  $\pm 0.1\%$

### OPTIONS AT EXTRA COST

- Analog programming & monitoring for Voltage & Current
  - 19" Rack

**TEKLAB High Power DC Regulated Dual Power Supply** is designed as a Constant Current (CC) and Constant Voltage (CV) source for use in laboratories, industries and field testing. With compact size, it provides DC output voltages for Analog and Digital testing. They provide high regulation and stability with either Digital 3-digit LED display for voltage & current is provided to read the values; the unit is equipped with Multi Turn controls for adjusting the voltage and Current.

### TECHNICAL SPECIFICATIONS

<b>Font Panel Volt &amp; Current Control</b>	10 turn potentiometers for voltage & current	
<b>Metering</b>	3-digit DPMs for voltage and current measurement.	
<b>Meter Accuracy</b>	$\pm 1$ Digit	
<b>Constant Voltage Mode</b>	Regulation	Line: $\pm 0.01\%$ for $\pm 10\%$ change in line voltage. Load: $\pm 0.01\%$ for load change from zero to full load.
<b>Constant Current Mode</b>	Regulation	Line: $\pm 0.1\%$ for $\pm 10\%$ change in line voltage. Load: $\pm 0.1\%$ for change in output voltage from 0 volts to maximum output voltage.
<b>Ripple &amp; Noise</b>	0.1% - 1%	
<b>Output Polarity</b>	Floating w.r.t. ground.	
<b>Protection</b>	SCP/OVP/OLP/RPP	
<b>Stability</b>	Total drift within 8 hours, after 30 minutes warm-up under constant line, load and temperature.	
<b>Operating Temperature</b>	0 to 50°C.	
<b>Storage Temperature</b>	-20°C to 70°C	
<b>Temp. Coefficient</b>	$\pm 0.05\% \pm 5\text{mV}$ per °C after initial warm-up of 30 minutes, in voltage mode.	
<b>Cooling</b>	Internal Forced Cooling Fan	
<b>Line Voltage</b>	230V AC $\pm 10\%$ , Single Phase 50Hz.	
<b>Input On/Off</b>	MCB	
<b>Custom Capability</b>	Special Voltage and Current ratings available on request	

*\*All specifications and appearances are subject to change without prior notice.*

**CUSTOMISED OUTPUT RANGES ARE AVAILABLE AS PER REQUEST.  
FIND THE STANDARD MODELS AND SPECIFICATIONS BELOW**

### SELECTION GUIDE

OUTPUT CHANNEL	VOLTAGE	CURRENT	WATTAGE	DIMENSION W×H×D mm	MODEL
2	0-32V DC	0-10A	640W	480×90×480	LHTL3210D
2	0-64V DC	0-5A	640W	480×90×480	LHTL6405D
2	0-32V DC	0-20A	1280W	480×90×480	LHTL3220D
2	0-30V DC	0-30A	1800W	480×133×480	LHTL3030D
2	0-50V DC	0-20A	2000W	480×133×480	LHTL5020D
2	0-60V DC	0-10A	1200W	480×90×480	LHTL6010D
2	0-64V DC	0-10A	1280W	480×90×480	LHTL6410D
2	0-60V DC	0-15A	1800W	480×133×480	LH TL6015D
2	0-80V DC	0-10A	1600W	480×133×480	LHTL8010D
2	0-100V DC	0-6A	1200W	480×90×480	LHTL1006D
2	0-110V DC	0-5A	1100W	480×90×480	LHTL1105D
2	0-120V DC	0-3A	720W	480×90×480	LHTL1203D
2	0-130V DC	0-3A	780W	480×90×480	LHTL1303D
2	0-130V DC	0-5A	1300W	480×90×480	LHTL1305D
2	0-150V DC	0-3A	900W	480×90×480	LHTL1503D
2	0-150V DC	0-5A	1500W	480×133×480	LHTL1505D
2	0-300V DC	0-2A	1200W	480×90×480	LHTL3002D
2	0-500V DC	0-1A	1000W	480×90×480	LHTL5001D
2	50-1000V DC	0-500mA	1000W	480×90×480	LHTL1000D

\*All

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Manufactured by,

**TEKLAB INDIA SOLUTIONS AN ISO 9001: 2015 COMPANY**

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