



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

- Current Voltage / Constant Current Operation
- Two Digital Meters-3 Digit DPMs
- Phase Controlled Pre Regulation Plus Linear Post-Regulation 0.1%

#### **OPTIONS AT EXTRA COST**

- 19" Rack Mounting
- Analog programming & monitoring for Voltage & Current
- Output ON/OFF Switch

**TEKLAB** DC Regulated 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 current	
<b>Metering</b>	3-digit DPMs for voltage and current measurement.	
<b>Meter Accuracy</b>	±1 DIGIT	
<b>Constant Voltage Mode</b>	REGULATION	Line: ±0.1% for ±10% change in line voltage. Load: ±0.1% for load change from zero to full load.
<b>Constant Current Mode</b>	REGULATION	Line: ±0.05% for ±10% change in line voltage. Load: ±0.05% 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>	±0.05% ±5mV 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 ± 10%, Single Phase 50Hz.	
<b>Input ON/OFF</b>	MCB	
<b>Custom Capability</b>	Special Voltage and Current ratings available on request	
<b>Note</b>	Regulations to be measured at sense terminals	

### 1KW-1.8KW

VOLTAGE	CURRENT	WATTAGE	DIMENSION W×H×D mm	MODEL
0-16V DC	0-100A	1600W	430×133×500	LHTL16100S
0-20V DC	0-80A	1600W	430×133×500	LHTL2080S
0-30V DC	0-40A	1200W	430×90×500	LHTL3040S
0-32V DC	0-50A	1600W	430×133×500	LHTL3250S
0-36V DC	0-40A	1440W	430×133×500	LHTL3640S
0-50V DC	0-20A	1000W	430×90×500	LHTL5020S
0-50V DC	0-30A	1500W	430×133×500	LHTL5030S
0-60V DC	0-20A	1200W	430×133×500	LHTL6020S
0-64V DC	0-20A	1280W	430×133×500	LHTL6420S
0-60V DC	0-30A	1800W	430×133×500	LHTL6030S
0-70V DC	0-20A	1400W	430×133×500	LHTL7020S
0-80V DC	0-20A	1600W	430×133×500	LHTL8020S
0-92V DC	0-12A	1104W	430×133×500	LHTL9212S
0-100V DC	0-10A	1000W	430×90×500	LHTL10010S
0-100V DC	0-15A	1500W	430×133×500	LHTL10015S
0-130V DC	0-10A	1300W	430×133×500	LHTL13010S
0-150V DC	0-10A	1500W	430×133×500	LHTL15010S
0-200V DC	0-6A	1200W	430×133×500	LHTL2006S
0-220V DC	0-5A	1100W	430×90×500	LHTL2205S
0-300V DC	0-5A	1500W	430×133×500	LHTL3005S
0-500V DC	0-2A	1000W	430×90×500	LHTL5002S
0-600V DC	0-2A	1200W	430×133×500	LHTL6002S
0-600V DC	0-3A	1800W	430×133×500	LHTL6003S
50-1000V DC	0-1A	1000W	430×90×500	LHTL10001S

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## 2KW-3KW

VOLTAGE	CURRENT	WATTAGE	DIMENSION W×H×D mm	MODEL
0-16V DC	0-150A	2400W	430×240×700	LHTL16150S
0-28V DC	0-100A	2800W	430×240×700	LHTL28100S
0-30V DC	0-80A	2400W	430×240×700	LHTL3080S
0-32V DC	0-60A	2000W	430×240×700	LHTL3260S
0-30V DC	0-100A	3000W	430×240×700	LHTL30100S
0-40V DC	0-50A	2000W	430×240×700	LHTL4050S
0-40V DC	0-60A	2400W	430×240×700	LHTL4060S
0-50V DC	0-50A	2500W	430×240×700	LHTL5050S
0-50V DC	0-60A	3000W	430×240×700	LHTL5060S
0-60V DC	0-40A	2400W	430×240×700	LHTL6040S
0-60V DC	0-50A	3000W	430×240×700	LHTL6050S
0-100V DC	0-20A	2000W	430×240×700	LHTL10020S
0-110V DC	0-20A	2400W	430×240×700	LHTL11020S
0-200V DC	0-10A	2000W	430×240×700	LHTL20010S
0-300V DC	0-8A	2400W	430×240×700	LHTL3008S
5-400V DC	0-6A	2400W	430×240×700	LHTL4006S
10-500V DC	0-5A	2500W	430×240×700	LHTL5005S
10-600V DC	0-4A	2400W	430×240×700	LHTL6004S
50-1000V DC	0-2A	2000W	430×240×700	LHTL10002S

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## 3KW-4KW

VOLTAGE	CURRENT	WATTAGE	DIMENSION W×H×D mm	MODEL
0-16V DC	0-200A	3200W	430×240×700	LHTL16200S
0-28V DC	0-110A	3080W	430×240×700	LHTL28110S
0-30V DC	0-130A	3900W	430×240×700	LHTL30130S
0-30V DC	0-120A	3600W	430×240×700	LHTL30120S
0-40V DC	0-100A	4000W	430×240×700	LHTL40100S
0-40V DC	0-80A	3200W	430×240×700	LHTL4080S
0-50V DC	0-80A	4000W	430×240×700	LHTL5080S
0-50V DC	0-70A	3500W	430×240×700	LHTL5070S
0-60V DC	0-60A	3600W	430×240×700	LHTL6060S
0-60V DC	0-50A	3000W	430×240×700	LHTL6050S
0-100V DC	0-40A	4000W	430×240×700	LHTL10040S
0-110V DC	0-30A	3300W	430×240×700	LHTL11030S
0-200V DC	0-20A	4000W	430×240×700	LHTL20020S
0-300V DC	0-10A	3000W	430×240×700	LHTL30010S
5-400V DC	0-8A	3200W	430×240×700	LHTL4008S
10-500V DC	0-7A	3500W	430×240×700	LHTL5007S
10-600V DC	0-5A	3000W	430×240×700	LHTL6005S
50-1000V DC	0-4A	4000W	430×240×700	LHTL10004S

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## 4KW-5KW

VOLTAGE	CURRENT	WATTAGE	DIMENSION W×H×D mm	MODEL
0-12V DC	0-380A	4560W	430×240×750	LHTL12380S
0-16V DC	0-300A	4800W	430×240×750	LHTL16300S
0-28V DC	0-150A	4200W	430×240×750	LHTL28150S
0-30V DC	0-160A	4800W	430×240×750	LHTL30160S
0-30V DC	0-140A	4200W	430×240×750	LHTL30140S
0-40V DC	0-120A	4800W	430×240×750	LHTL40120S
0-40V DC	0-110A	4400W	430×240×750	LHTL40110S
0-50V DC	0-100A	5000W	430×240×750	LHTL50100S
0-50V DC	0-90A	4500W	430×240×750	LHTL5090S
0-60V DC	0-80A	4800W	430×240×750	LHTL6080S
0-60V DC	0-70A	4200W	430×240×750	LHTL6070S
0-100V DC	0-50A	5000W	430×240×750	LHTL10050S
0-110V DC	0-40A	4400W	430×240×750	LHTL11040S
0-200V DC	0-25A	5000W	430×240×750	LHTL20025S
0-300V DC	0-15A	4500W	430×240×750	LHTL30015S
5-400V DC	0-12A	4800W	430×240×750	LHTL40012S
10-500V DC	0-10A	5000W	430×240×750	LHTL50010S
10-600V DC	0-8A	4800W	430×240×750	LHTL6008S
50-1000V DC	0-5A	5000W	430×240×750	LHTL10005S

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Manufactured by,

**TEKLAB INDIA SOLUTIONS**

**AN ISO 9001: 2015 COMPANY**

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