



- 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

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

TEKLAB introduced **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

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

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

60W-320W

VOLTAGE	CURRENT	WATTAGE	DIMENSION W×H×D mm	MODEL
0-6V DC	0-10A	60W	270×90×400	LHTL0610S
0-6V DC	0-20A	120W	270×90×400	LHTL0620S
0-6V DC	0-30A	180W	270×90×400	LHTL0630S
0-16V DC	0-6A	96W	270×90×400	LHTL1606S
0-16V DC	0-10A	160W	270×90×400	LHTL1610S
0-16V DC	0-15A	240W	270×90×400	LHTL1615S
0-16V DC	0-20A	320W	270×133×400	LHTL1620S
0-32V DC	0-10A	320W	270×90×400	LHTL3210S
0-50V DC	0-5A	250W	270×133×400	LHTL505S
0-60V DC	0-5A	300W	270×90×400	LHTL605S
0-64V DC	0-3A	192W	270×90×400	LHTL643S
0-64V DC	0-5A	320W	270×133×400	LHTL645S
0-72V DC	0-3A	216W	270×90×400	LHTL723S
0-72V DC	0-4A	288W	270×133×400	LHTL724S
0-80V DC	0-2A	160W	270×133×400	LHTL802S
0-80V DC	0-3A	240W	270×90×400	LHTL803S
0-100V DC	0-1A	100W	270×90×400	LHTL1001S
0-100V DC	0-2A	200W	270×90×400	LHTL1002S
0-100V DC	0-3A	300W	270×90×400	LHTL1003S
0-110V DC	0-2A	220W	270×133×400	LHTL1102S
0-110V DC	0-3A	330W	270×90×400	LHTL1103S
0-130V DC	0-2A	750W	270×133×400	LHTL1302S
0-300V DC	0-600mA	180W	270×90×400	LHTL300/6S
0-300V DC	0-1A	300W	270×90×400	LHTL3001S
0-500V DC	0-600mA	300W	270×133×400	LHTL500/6S

**All specifications & appearances are subject to change without prior notice*

360W-900W

VOLTAGE	CURRENT	WATTAGE	DIMENSION W×H×D mm	MODEL
0-6V DC	0-60A	360W	270×90×470	LHTL0660S
0-16V DC	0-30A	480W	270×90×470	LHTL1630S
0-16V DC	0-50A	800W	270×133×470	LHTL1650S
0-32V DC	0-15A	480W	270×90×470	LHTL3215S
0-32V DC	0-20A	640W	270×90×470	LHTL3220S
0-30V DC	0-30A	900W	270×133×470	LHTL3030S
0-50V DC	0-15A	750W	270×133×470	LHTL5015S
0-60V DC	0-5A	300W	270×90×400	LHTL605S
0-60V DC	0-6A	360W	270×133×470	LHTL606S
0-64V DC	0-10A	640W	270×90×470	LHTL6410S
0-60V DC	0-15A	900W	270×133×470	LHTL6015S
0-72V DC	0-5A	360W	270×90×470	LHTL7205S
0-72V DC	0-10A	720W	270×133×470	LHTL7210S
0-80V DC	0-10A	800W	270×133×470	LHTL8010S
0-100V DC	0-5A	500W	270×90×470	LHTL1005S
0-100V DC	0-6A	600W	270×90×470	LHTL1006S
0-110V DC	0-5A	550W	270×90×470	LHTL1105S
0-130V DC	0-5A	650W	270×90×470	LHTL1305S
0-150V DC	0-5A	750W	270×133×470	LHTL1505S
0-200V DC	0-3A	600W	270×90×470	LHTL2003S
0-250V DC	0-3A	750W	270×133×470	LHTL2503S
0-300V DC	0-1A	300W	270×90×470	LHTL3001S
0-300V DC	0-2A	600W	270×90×470	LHTL3002S
0-300V DC	0-3A	900W	270×133×470	LHTL3003S
0-400V DC	0-2A	800W	270×133×470	LHTL4002S
0-500V DC	0-1A	500W	270×90×470	LHTL5001S
0-600V DC	0-1A	600W	270×90×470	LTTL6001S
0-750V DC	0-1A	750W	270×133×470	LHTL7501S
50-1000V DC	0-600mA	600W	270×90×470	LHTL1000S

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