

a) TRIPPLE OUTPUT



TEKLAB DC Regulated Multi O/P 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 course and fine controls for adjusting the voltage.

TEKLAB DC Regulated Multi O/P Power Supply has excellent line and load regulation and is provided with protective circuits to ensure trouble free operation. All the outputs are protected from short circuits and overload. This attractive compact & feature rich series DC Power Supplies not only requires minimum bench space but also prevents EMI radiation & ensure ruggedness by providing sturdy powder coated metal enclosures.

TECHNICAL SPECIFICATIONS

Models	LTL3202-3	LTL3203-3	LTL3205-3
Input Voltage	230V AC, $\pm 10\%$ 50Hz		
Output Voltage	0-32V DC \times 3	0-32V DC \times 3	0-32V DC \times 3
Output Current	0-5A \times 3	0-5A \times 3	0-5A \times 3
Line Regulation	Line: $\pm 0.01\% \pm 2\text{mV}$ for $\pm 10\%$ Change Inline Voltage. Load: $\pm 0.01\% \pm 2\text{mV}$ For Load Change from Zero to Full Load.		
Load Regulation	Line: $\pm 0.05\% \pm 10\text{mA}$ for $\pm 10\%$ Change Inline Voltage. Load: $\pm 0.05\% \pm 10\text{mA}$ For Change in Output Voltage From 0 Volts To Maximum Output Voltage.		
Ripple & Noise	1mV RMS		
Protections	SCP/OLP/RPP/BEEP	SCP/OLP/RPP/BEEP	SCP/OLP/RPP/BEEP
Indication	CV/CC	CV/CC	CV/CC
Mode	V&I	V&I	V&I
Meter Accuracy	0.01% Accuracy ± 1 Digit		
Efficiency	94%		
Input On/Off	Individual Rocker Switch		
Font Panel Volt & Current Control	V Set Coarse and Ine & I Set Coarse and Fine	V Set Coarse and Fine & I Set Coarse and Fine	V Set Coarse and Fine & I Set Coarse and Fine
Output Socket	EXTENDED TERMINALS 4mm BTI-5		
Operation Temp	0 $^{\circ}$ c to +50 $^{\circ}$ c.85% RH		
Cooling	Internal Forced Cooling Fan		
Dimension	W \times H \times D 390 \times 175 \times 280mm Approx.		
CUSTOMISED OUTPUT RANGES ARE AVAILABLE			

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

b) Q1 SERIES



TEKLAB DC Regulated Multi O/P Power Supply – Q1 SERIES 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 coarse and fine controls for adjusting the voltage.

Q1 SERIES excellent line and load regulation and is provided with protective circuits to ensure trouble free operation. All the outputs are protected from short circuits and overload. This attractive compact & feature rich series DC Power Supplies not only require minimum bench space but also prevent EMI radiation's & ensure ruggedness by providing sturdy powder coated metal enclosures.

TECHNICAL SPECIFICATIONS

OUTPUT	32V/2A	±15/1A	+5V/5A
INPUT VOLTAGE	230VAC, ±10% 50Hz		
OUTPUT VOLTAGE	0-32V	0±15V	4.5V TO 5.5V
OUTPUT CURRENT	0-2A	1A	5A
LINE REGULATION	BETTER THAN 0.01% FOR THE INPUT VARIATION OF ±10%		
LOAD REGULATION	BETTER THAN 0.01% FROM NO LOAD TO FULL LOAD		
RIPPLE NOISE	LESS THAN 1mV RMS		
PROTECTION	SCP/OLP BUZZER TONE	SCP/OLP BUZZER TONE	SCP/OLP BUZZER TONE
INDICATION	CV/CC	CV	CV
3 DIGIT DISPLAY	V&I	COMMON 3 DIGIT VOLTMETER WITH SEL SWITCH	
METER ACCURACY	0.01% ACCURACY ±1 DIGIT		
EFFICIENCY	94%		
INPUT ON/OFF	ROCKER SWITCH		
SINGLE TURN POT	V SET & I SET	V SET DUAL TRACKING	V SET
OUTPUT SOCKET	EXTENDED TERMINALS 4mm BTI-15		
OPERATION TEMP	0°C to +50°C. 85% RH		
COOLING	INTERNAL FORCED COOLING FAN		
DIMENSION	W/H/D 380/110/240mm		
CUSTOMISED OUTPUT RANGES ARE AVAILABLE			

c) **Q2 SERIES**

TECHNICAL SPECIFICATIONS

OUTPUT	32V/2A	±15/1A	+5V/5A
INPUT VOLTAGE	230VAC, ±10% 50Hz		
OUTPUT VOLTAGE	0-32V	±15V	+5.5V
OUTPUT CURRENT	0-2A	1A	5A
LINE REGULATION	BETTER THAN 0.01% FOR THE INPUT VARIATION OF ±10%		
LOAD REGULATION	BETTER THAN 0.01% FROM NO LOAD TO FULL LOAD		
RIPPLE NOISE	LESS THAN 1mV RMS		
PROTECTION	SCP/OLP BUZZER TONE	SCP/OLP BUZZER TONE	SCP/OLP BUZZER TONE
INDICATION	CV/CC	CV	CV
3 DIGIT DISPLAY	V&I	COMMON 3 DIGIT VOLTMETER WITH SEL SWITCH	
METER ACCURACY	0.01% ACCURACY ±1 DIGIT		
EFFICIENCY	94%		
INPUT ON/OFF	ROCKER SWITCH		
SINGLE TURN POT	V SET & I SET	N/A	N/A
OUTPUT SOCKET	EXTENDED TERMINALS 4mm BTI-15		
OPERATION TEMP	0°C to +50°C. 85% RH		
COOLING	INTERNAL FORCED COOLING FAN		
DIMENSION	W/H/D 380/110/240mm		
CUSTOMISED OUTPUT RANGES ARE AVAILABLE			

