

DC Electronic Load **DCL300/400/500** Cataleya CL-350 Series

TRUE LINEAR

LOW FOOTPRINT

DCL300/400/500 DC Electronic Load is a precision active load designed to test your DC-DC Converters, SMPS, Linear power supply, Transformer ratings, Battery Capacity. It is a **LINEAR LOAD** and you can have precise control increasing the Load Resistance with **JUST A ROTARY-KNOB.**

Manufactured by **CEDA-Labz INDIA**



MODEL NO.

MAX. CURRENT RATING

MAX. VOLTAGE RATING

POWER RATING

OPERATING TEMPERATURE

PACKAGE INCLUDES

DISPLAY - SWITCHABLE

CONTROLS :-

- a) **CURRENT LIMIT**
- b) **LOAD**
- c) **MAINS POWER**

COOLING

Constant Current Operation Mode (CC)

DUT(DEVICE UNDER TEST) INPUT PROTECTION OVER TEMPERATURE

AC INPUT CONNECTIONS:

DUT INPUT CONNECTIONS

FOOTPRINT

DIMENSIONS, MM (W x D x H)

DIMENSIONS, INCHES (W x D x H)

WEIGHT, KG

WEIGHT, LB

DCL300/DCL400/DCL500

MODEL: DCL300 – 30Amps./300watts

MODEL: DCL400 – 40Amps./400watts

MODEL: DCL500 – 50Amps./500watts

Available in 115V and 230V AC input

80V DC

MODEL: DCL300-300watts DCL400 – 400watts MODEL: DCL500 -500watts

0- 50°C

TEST LEADS and AC INPUT POWER CABLE

SHOWS CURRENT AND VOLTAGE OF DUT (DEVICE UNDER TEST)

KNURLED ALUMINIUM KNOB FOR EASY PRECISION CURRENT CONTROL

SOFT-TOUCH PUSH BUTTON to START AND STOP THE DUT UNDER TEST

ROCKER SWITCH TO TURN ON-OFF THE AC INPUT OF THE DEVICE

BLOWER FAN INSIDE FOR BOTH FORCED AND CONVECTION COOLING

Electronic load will consume a current in accordance with the KNOB setting regardless of the Input Voltage OF DUT (device under test)

Protects for INCORRECT POLARITY OF DUT (device under test)

SHUTS OFF IF IT OVERHEATS BEYOND 60°C

Male AC inlet connector Type "IEC 320-C14" Detachable AC power cord with: Female connector Type "IEC 320-C13" on one end to mate with AC power inlet connector on the power supply Male, 3 pole 3 Wire grounding (3 prong) plug Type "NEMA5-15P" on the other end for connection to the AC outlet

GOLD-PLATED BINDING POST

Desktop model, requires extremely low real estate space because of its High Efficiency and performance – TRULY IDEAL FOR ANY POWER ELECTRONICS LAB

205 x 215 x 91.5

8.25 x 8.35 x 3.6

3

6.61

Typical Applications: DC power supply industry such as regulated power supply, constant current power supply, SMPS power adapter etc. BATTERY industry –such as various batteries and cell batteries, Charger industry such as battery charger and cell phone charger. Power electronic device industry such as MOSFET, IGBT, capacitor and ballast resistor, Teaching experiment,. General purpose testing in the R&D

EX-STOCK SAME DAY DISPATCH * RUNNING MORE THAN 3 YEARS

CEDA-Labz

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