

Electronic Load

Features

- Load control by Coarse and Fine potentiometers
- 3½ digit meter for Voltage & Current
- LEDs to indicate Load ON & Constant Load (CL)
- Load ON / OFF by toggle switch.
- Pair of Heavy duty connector (Red & Black)



'Zeal' Electronic Load with adequate voltage/current resolution are ideal for testing of power sources, e.g. DC Regulated Power supplies, Batteries, SMPS, etc. They are good for finding out the regulation of power supplies and conducting heat run tests of power sources. They can also be used to assess the AH capacity of batteries.

Technical Specifications

Model	ZMEL
Input Power Supply	230 V AC, $\pm 10\%$, 50 Hz
Display	3½ digit 7 segment red LED display for Voltage ($\pm 0.5\%$) 3½ digit 7 segment red LED display for Current ($\pm 0.5\%$)
Accuracy	Load Control $\pm 0.1\%$ for change in voltage
Control	Load adjustment by set of coarse and fine control multi-turn potentiometer Load ON/OFF Switch

Models

Model	Voltage & Current Range	Wattage
ZMEL100	3 to 10V, 0 to 10A	100W
ZMEL200	3 to 10V, 0 to 20A	200W
ZMEL400	3 to 20V, 0 to 20A	400W
ZMEL500	3 to 25V, 0 to 20A	500W
ZMEL1000	3 to 50V, 0 to 20A	1000W
ZMEL1500	3 to 30V, 0 to 50A	1500W
ZMEL2000	3 to 50V, 0 to 40A	2000W

Note: High Current & Voltage can be customized per customer requirement.