



**Product Brochure —  
Load Banks - AC / DC & Resistive / Inductive**

**TECH VENTURES PVT.LTD.**

**Description —**

A load bank is a device which develops an electrical load, applies the load to an electrical power source and converts or dissipates the resultant power output of the source.

The purpose of a load bank is to accurately mimic the operational or “real” load that a power source will see in actual application. However, unlike the “real” load, which is likely to be dispersed, unpredictable and random in value, a load bank provides a contained, organised and fully controllable load.

Whereas the “real” load is served by the power source and uses the energy output of the source for some productive purpose, the load bank serves the power source, using its energy output to test, support or protect the power source.

**Purpose & Objective —**

Load banks are required for simulation, testing and realtime process observation on AC / DC power source. Our solutions are tailor-made and used by Defence , DG set, UPS, Telecom, Power system manufacturing companies.

**Specifications —**

Component Type	- Specially built element - Fix resistor type with variable steps.
I/p Vol	- 24 – 1150 V AC / DC
Ampere rating	- 100 – 3000 Amps AC / DC
Metering	- Vol & Amperes Digital panel Meters
Step Variations	- 18 amps step as standard Lower steps (Optional)
Control element	- Manual MCB / Contractors
Cooling	- Forced air cooling / natural
Body type.	- Rack type Iron structure
Application	- Indoor / outdoor
Features	- Fan off / fail alarm High temp alarm



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