

1250 Kva Resistive and Inductive Load Bank With Generator Tester

Model: 1250Kva Resistive & inductive

Testing capacity: 0 – 2000 kw

Type of load: Resistive, PF = 1.0

Duty: Continuous

Cooling system: Industrial grade axial fan

Phase: Available at both single and three phases

Rated testing voltage: 110-480 VAC

Rated Frequency: 50/60 Hz



Models You Can Choose									
Model	Testing capacity	Type of load	Duty	Cooling system	Phase	Rated Testing Voltage	Rated Frequency	Dimensions (L*W*H) (mm)	Weight (kg)
KPLB-100	0 - 100 kw	Resistive or Reactive, PF = 1.0 or 0.8	Continuous	Industrial grade axial fan	Available at both single and three phase	110-480 VAC	50/60 Hz	960*960*1400	320
KPLB-200	0 - 200 kw							1300*1200*1570	500
KPLB-300	0 - 300 kw							1600*1200*1700	900
KPLB-400	0 - 400 kw							1600*1400*1700	1000
KPLB-500	0 - 500 kw							2100*1560*1700	1200
KPLB-600	0 - 600 kw							2100*1560*1700	1300
KPLB-700	0 - 700 kw							2100*1560*1800	1400
KPLB-800	0 - 800 kw							2100*1660*1900	1600
KPLB-1000	0 - 1000 kw							2200*1900*2150	2000
KPLB-2000	0 - 2000 kw							20 ft container	6000

Specifications

1. Resistive type of load, PF = 1.0. Stainless steel sheathed elements manufactured from high grade magnesium oxide.
 2. Rated testing voltage: AC 3P4W, 110-480V 50/60 Hz.
 3. Cooling mode: Forced air-cooled, fans mounted on the side of the load bank blow horizontally. Testing power or external utility power supply for fans.
 4. Working mode: Load step control
- Total testing capacity ranges from 0kw to the max consisting of 10kw, 20kw, 50kw, 100kw load setting switches plus a 0-10kw fine-tuning knob. From 0kw to the max, any load combination is achievable. Load step resolution is 10kw.
5. Load bank features world-famous components to ensure reliable performance and longer

service life including:

SCHNEIDER contactors.

Siemens switches, knobs, and indicators.

ABB Circuit breakers.

OMRON intermediate relays.

PHOENIX terminal blocks.

6. Parameter measuring accuracy grade: 0.3

7. Load control accuracy: $\pm 5\%$.

8. Load bank protections: Overheating protection, cooling fans failure protection and overload protection with alarm.

9. Control mode: Two control modes available:

A) Local manual control;

B) Optional: Manual control via a remote-control panel (max control distance is 30m).

10. Parameter display and measurement:

Control panel contains a LOVATO Multifunction Electricity Meter displaying voltage, current, load power, reactive power, apparent power, power factor, frequency etc.

(Optional: A professional **generator tester** displays and measures all sorts of steady, dynamic parameters as well as harmonic wave, can be connected to a PC for data recording and test report printing)."

11. Operating environment:

Altitude: $\leq 2500\text{m}$ above sea level. Ambient temp: $-15\sim+55\text{ }^{\circ}\text{C}$

Relative humidity: $\leq 95\%$ ventilated environment without explosive or corrosive dust. Not allowed to use in rainy outdoor environment.