



LT-2000 DC Load Bank

--Customized non-constant current discharge

Kongter's LT-2000 is a series customized DC load banks feature unique design and excellent performance. We offer many different load bank models of non-constant current discharge to cover a wide voltage range with current up to 2000A. With Kongter's flexible solutions, they cover a wide application including telecom, power utility, data center, forklift and others. Users could easily control via manual local push button, circuit breaker or optionally via PC remote control.

NOTE: Picture of main body for reference only. Real product may be slightly different.

Features

- ◆ State-of-art and rugged design with user friendly control panel.
- ◆ Widely applied for DC load test where constant current discharge is not required
- ◆ Sectionalized control of power enables customized setting of load step and time.
- ◆ Real-time display of test current, voltage, power and time in LCD meter.
- ◆ Alternative control modes by local circuit breaker/push button contactor or PC control.
- ◆ Protection upon over voltage, over temperature and with emergency stop button
- ◆ It adopts latest load element with high density power, safer and more durable.
- ◆ Axial flow fans with big blast capacity for quick ventilation with low noise.
- ◆ Many customized models available upon request for various voltage and current

Technical Parameter

Rated voltage	12-1000VDC – customized voltage per user's need
Rated current	Up to 2000A – customized current per user's need
Voltage range	1-1000V
Current range	10-2000A
Load accuracy	±5%
Way of Display	Real time display of voltage, current and time
Sampling accuracy	0.5 class
Work power	Per customer local power supply
Control mode	Basic: Local manual control with push button contactor or circuit breaker Advanced: Optional control via PC remote control (communication: RS485)
Protection level	IP20 (for indoor models) IP44 (for outdoor models) Indoor and outdoor models are built per customer's choice.
Cooling mode	Force-air cooling, air entry from bottom and outlet to top side.
Work Mode	Continuous work
Protection function	Overheating/buzzer alarm, overheating/over voltage protection, emergency stop button
Environment	-10 ~ 50°C, ≤95% RH

NOTE: Above is just general info of LT-2000 series load bank. For detail specification for certain models, please refer to relative specification accordingly.

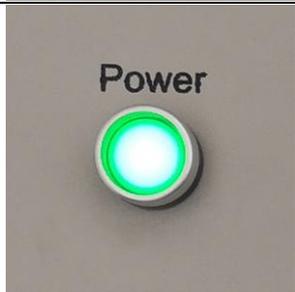
Load Element

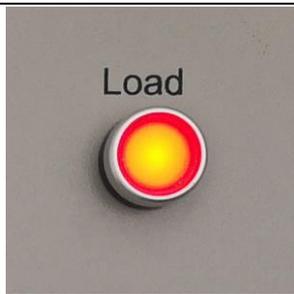
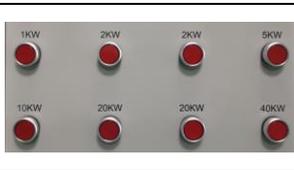
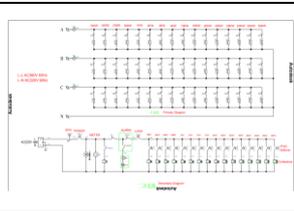


Kongter’s resistive DC load bank units are mainly composed of high reliable and durable new alloy resistor. This resistor has good insulation and heat dissipation with uniform heat conducting. Working temperature is just 1/3 of rated temperature.

It has feature of small temperature drift, stable resistance without over heating in long time work. It is moisture-proof, antiseptic, safe and durable. This enables the continuous and consistent performance of Kongter’s DC load bank.

Control Panel

Load Bank Control Panel Explanation		
NOTE: Pictures for the parts below are for reference only, it may not be exactly the same for your load bank model. Please refer to your real load bank panel.		
Component Picture	Name	Function
	EPO	Emergency Pause Operation (Press to stop, rotate to release) <u>clockwise rotate before load bank operation</u>
	Power	Fan power with built in light indicator
	Meter	Digital meter displaying the voltage, current, frequency, active power
	Alarm	When the load is over temperature or overload, the buzzer will flash and sound an alarm.

	<p>Load</p>	<p>Load Steps control switch with built in light indicator</p>
	<p>Load Steps: Push Buttons</p>	<p>Push on/off to adjust the load power (by contactor on/off)</p>
	<p>Grounding connection</p>	<p>Grounding before load bank testing</p>
	<p>Diagram</p>	<p>All design diagrams provided--turn key</p>

Kongter Test & Measurement Co., Limited

#405, Bldg 62, Songpingshan, Langshan Rd., Shenzhen China

TEL: +86-755-2691 6832 Web: www.kongter.com Email: sales@kongter.com