



RELIABILITY Power Systems

REL-LB Series 5KW—400KW

Indoor & Outdoor AC Load Banks



RELIABILITY REL-LB Series 5KW—400KW Indoor & Outdoor 3 Phase AC Load Banks

Features

- **SIMPLE OPERATION**
- **SAFETY ISOLATION CONTACTORS**
- **FAN FAIL PROTECTION**
- **HIGH POWER**
- **AUX MAINS**
- **FUSE PROTECTION**
- **PARALLEL OPERATION**

RELIABILITY REL-LB series load banks offer a low cost solution to on-site AC testing of UPS and generators. Units incorporate force cooled high powered resistor elements plus features including optional BS/EN Commando connectors or optional twist lock safety cable connectors, HRC fuse protection, phase sequence protection, fan failure shut down and emergency stop push button. Simple control via illuminated panel mounted load selection switches, plus optional digital meter.

REL-LB Performance Sheet

Model	Voltage	Power @ 380V
REL-LB-5K	480V/ 440V/ 380V/ 220V/ 208V/ 127V 1-Phase & 3-Phase Configuration	5KW
REL-LB-10K		10KW
REL-LB-15K		15KW
REL-LB-20K		20KW
REL-LB-30K		30KW
REL-LB-40K		40KW
REL-LB-50K		50KW
REL-LB-60K		60KW
REL-LB-80K		80KW
REL-LB-100K		100KW
REL-LB-150K		150KW
REL-LB-200K		200KW
REL-LB-250K		250KW
REL-LB-300K		300KW
REL-LB-400K		400KW

REL-LB Series Specifications

Description:	Robust, adjustable, resistive AC load bank
voltage:	480V/ 440V/ 380V/ 220V/ 208V/ 127V, 1-Phase & 3-Phase Configuration
Rating:	See Performance Table
Frequency:	60Hz (50Hz Optional)
Load Control:	Manual/ Computer Control via Illuminated panel mounted switched steps with a minimum load step of 1kW; RS232 & RS485 Interface available
Controls:	Fan control switch, emergency stop, illuminated load switches
Cable termination:	Internal Busbar connection. Cables can be supplied as an optional extra. Powerlock cable connectors available as an optional extra.
Cooling:	horizontal force air cooling fan, powered from the test source or optional separate auxiliary supply.
Element type:	Insulated, air cooled, sheathed resistor elements

Enclosure Specification:

Environmental Protection:	Designed for outdoor operation, electrical control chamber IP54, element chamber IP21.
Construction:	Robust Zintec steel frame and panels.
Finish:	Powder coated, textured finish RAL 7032
Operating temperature:	0-50 deg C
Storage temperature:	0-80 deg C
Movement:	Swivel Castors and Forklift Movement

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