

LB-Series DC Load Banks

Model # LB-SERIES



LB-Series DC Load Bank

Product Overview

The Eagle Eye LB-Series DC Load Banks are compact, portable resistive load banks that offer a simplistic solution to DC load testing. Each load bank is self-contained in a rugged, durable frame and is designed for DC load testing in harsh environments. Common applications include power supply testing, battery discharge testing, rectifier testing, DC generator testing, and more. All load banks are backed with a standard 2-year warranty.

The LB-Series DC Load Bank Series offers over 35 standard models. Standard DC Voltages are 10 - 525 VDC. Current Ranges are 10 - 1200 Amps. Each DC Load Bank has the option to choose either 1 Amp or 5 Amp load step resolution. Other resolutions are available upon request.

Every DC Load Bank is easy-to-use with a digital LCD display operator control panel. Straightforward individual fan switches, load step switches, and master load switches make the unit user-friendly. Safety features are equipped on every DC Load Bank for fast acting, branch circuit fuse protection and sensors to prevent overheating and current overload.

Product Features

- Durable & Portable Units
- Digital metering with LCD display
- Branch circuit fuse protection
- Air pressure from switch to prevent load from being applied if loss of cooling air is detected
- Blower Motor Circuit is protected by current overload protection
- Over-temperature sensor automatically removes load if an over-temperature condition is detected
- Easy-to-use switches and controls for fan, load steps, and master load
- Low-noise & high velocity cooling system
- Rugged construction metal frame with stainless steel exterior fasteners
- 2-year warranty



Padded Carrying Case

Technical Specifications

Discharge Current Range:	10 – 1200 Amps ¹
Discharge Voltage Range:	10 – 525 VDC ¹
Load Step Resolution:	1 or 5 Amp Standard (Other resolutions available upon request)
Operating Environment:	0 – 40 °C (32 – 104 °F)
Power Requirements:	110/220 VAC 50/60 Hz
Dimensions:	*See next page for model dimensions and weight

(1) Range listed refers to total range of product offering, see next page for model-specific voltage & current ranges.

Standard Kit Includes

- LB-Series DC Load Bank
- AC Power Cable
- User Manual

Optional Features

- Set of Load Cables
- Padded Carrying Case
- Mounted Wheels
- Mating Plug Set
- Cable Set
- Alternate Load Step Control
- Remote Control
- Storage Cover

Ordering Information

No.	Model #	Description
1	LB-Series*	DC Load Banks (10 – 525 V, 10 – 1200 A) *See next page for listing of model numbers



LB-Series Standard Models

Model No.	Max. Discharge Current At:										Dimensions L x W x H in.	Wgt. lbs.
	12V	24V	28V	36V	48V	80V	125V	240V	380V	480V		
10-135VDC, 1A Res.	12V	24V	28V	36V	48V	80V	125V	240V	380V	480V	L x W x H in.	lbs.
LB-12-300-1	300	~	~	~	~	~	~	~	~	~	16 x 12 x 12	25
LB-12/24/36/48-300-1	300	300	~	300	300	~	~	~	~	~	18 x 14 x 23	60
LB-24/48-300-1	48	300	56	13	300	~	~	~	~	~	18 x 14 x 23	50
LB-28-100-1	80	80	100	~	~	~	~	~	~	~	12 x 12 x 12	20
LB-48-300-1	160	160	187	120	300	~	~	~	~	~	18 x 14 x 23	40
LB-48/125-300-1	200	200	233	150	300	~	~	~	~	~	26 x 14 x 23	80
LB-125-100-1	320	320	373	240	320	267	100	~	~	~	18 x 14 x 23	40
LB-125-300-1	400	400	467	300	400	333	300	~	~	~	26 x 24 x 23	75
21-270VDC, 1A Res.	12V	24V	28V	36V	48V	80V	125V	240V	380V	480V	L x W x H in.	lbs.
LB-21-270-1200-1	~	230	269	346	461	768	1200	600	~	~	48 x 27 x 33	500
LB-21-270-900-1	~	173	202	259	346	576	900	450	~	~	56 x 18 x 23	220
LB-21-270-600-1	~	115	134	173	230	384	600	300	~	~	36 x 18 x 23	160
LB-21-270-300-1	~	58	67	86	115	192	300	150	~	~	26 x 14 x 23	80
10-480VDC, 1A Res.	12V	24V	28V	36V	48V	80V	125V	240V	380V	480V	L x W x H in.	lbs.
LB-10-480-60-1	48	48	56	36	48	40	60	60	48	60	27 x 14 x 23	60
LB-10-480-100-1	80	80	93	60	80	67	100	100	79	100	27 x 14 x 23	90
LB-10-480-200-1	160	160	187	120	160	133	200	200	158	200	36 x 18 x 23	160
LB-10-480-250-1	200	100	233	150	200	167	250	250	198	250	36 x 18 x 23	190
LB-10-480-400-1	320	320	373	240	320	267	400	400	317	400	56 x 18 x 23	250
LB-10-480-500-1	400	400	467	300	400	333	500	500	396	500	50 x 29 x 33	500
LB-480-500-1	12	24	28	31	48	66	125	250	396	500	50 x 29 x 33	450
10-135VDC, 5A Res.	12V	24V	28V	36V	48V	80V	125V	240V	380V	480V	L x W x H in.	lbs.
LB-12-300-5	300	~	~	~	~	~	~	~	~	~	12 x 12 x 12	20
LB-12/24/36/48-300-5	300	300	233	300	300	~	~	~	~	~	18 x 14 x 23	55
LB-24/48-300-5	150	300	175	225	300	~	~	~	~	~	18 x 14 x 23	45
LB-28-100-5	43	86	100	~	~	~	~	~	~	~	12 x 12 x 12	15
LB-48-300-5	75	150	175	225	300	~	~	~	~	~	18 x 14 x 23	35
LB-48/125-300-5	75	150	175	225	300	200	300	~	~	~	26 x 14 x 23	75
LB-125-100-5	10	20	23	30	40	67	100	~	~	~	18 x 24 x 23	35
LB-125-300-5	30	60	70	90	120	200	300	~	~	~	26 x 14 x 23	60
21-270VDC, 5A Res.	12V	24V	28V	36V	48V	80V	125V	240V	380V	480V	L x W x H in.	lbs.
LB-21-270-1200-5	~	230	269	346	461	768	1200	600	~	~	56 x 18 x 23	220
LB-21-270-900-5	~	173	202	259	346	576	900	450	~	~	36 x 18 x 23	160
LB-21-270-600-5	~	115	134	173	230	384	600	300	~	~	26 x 14 x 23	80
LB-21-270-300-5	~	58	67	86	115	192	300	150	~	~	26 x 14 x 23	60
10-480VDC, 5A Res.	12V	24V	28V	36V	48V	80V	125V	240V	380V	480V	L x W x H in.	lbs.
LB-10-480-60-5	48	48	56	36	48	40	60	60	48	60	27 x 14 x 23	55
LB-10-480-100-5	80	80	93	60	80	67	100	100	79	100	27 x 14 x 23	70
LB-10-480-200-5	160	160	187	120	160	133	200	200	158	200	36 x 18 x 23	140
LB-10-480-250-5	200	200	233	150	200	167	250	250	198	250	36 x 18 x 23	170
LB-10-480-400-5	320	320	373	240	320	267	400	400	317	400	56 x 18 x 23	225
LB-10-480-500-5	400	400	467	300	400	333	500	500	396	500	50 x 29 x 33	500
LB-480-500-5	12	24	28	31	48	66	125	250	396	500	50 x 29 x 33	450