

## 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

<b>Discharge Current Range:</b>	10 – 1200 Amps <sup>1</sup>
<b>Discharge Voltage Range:</b>	10 – 1200 VDC <sup>1</sup>
<b>Load Step Resolution:</b>	1 or 5 Amp Standard (Other resolutions available upon request)
<b>Operating Environment:</b>	0 – 40 °C (32 – 104 °F)
<b>Power Requirements:</b>	110/220 VAC 50/60 Hz
<b>Dimensions:</b>	*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 pages below for listing of model numbers



# LB-Series Standard Models 1A

Models	Max Discharge Current (Amps) at										Dimensions L x W x H in	Wgt lbs
	12V	24V	28V	36V	48V	80V	125V	240V	380V	480V		
<b>10-135VDC, 1A Res</b>	<b>12V</b>	<b>24V</b>	<b>28V</b>	<b>36V</b>	<b>48V</b>	<b>80V</b>	<b>125V</b>	<b>240V</b>	<b>380V</b>	<b>480V</b>	<b>L x W x H in</b>	<b>lbs</b>
LB-12-75-1	75	–	–	–	–	–	–	–	–	–	12 x 12 x 16	22
LB-12-300-1	300	–	–	–	–	–	–	–	–	–	12 x 12 x 16	30
LB-12/24/36/48-300-1	300	300	233	300	300	–	–	–	–	–	23 x 14 x 18	60
LB-24-400-1	200	400	–	–	–	–	–	–	–	–	23 x 14 x 18	65
LB-24/48-300-1	150	300	175	225	300	–	–	–	–	–	23 x 14 x 18	50
LB-24/48-400-1	150	300	233	300	400	–	–	–	–	–	23 x 14 x 18	50
LB-24/48-500-1	250	500	292	375	500	–	–	–	–	–	23 x 14 x 18	55
LB-24/48/80-500-1	250	500	292	375	500	500	–	–	–	–	23 x 14 x 26	55
LB-28-100-1	43	86	100	–	–	–	–	–	–	–	12 x 12 x 12	20
LB-28-200-1	86	171	200	–	–	–	–	–	–	–	23 x 14 x 18	35
LB-28-300-1	129	257	300	–	–	–	–	–	–	–	23 x 14 x 18	35
LB-48-300-1	75	150	175	225	300	–	–	–	–	–	23 x 14 x 18	40
LB-48-400-1	100	200	233	300	400	–	–	–	–	–	23 x 14 x 18	45
LB-48-500-1	125	250	292	375	500	–	–	–	–	–	23 x 14 x 18	50
LB-48-750-1	188	375	438	563	750	–	–	–	–	–	23 x 14 x 26	75
LB-48-1000-1	250	500	583	750	1000	–	–	–	–	–	23 x 14 x 26	80
LB-48/125-100-1	25	50	58	75	100	64	100	–	–	–	23 x 14 x 26	50
LB-48/125-300-1	75	15	175	225	300	192	300	–	–	–	23 x 14 x 26	80
LB-80-400-1	60	120	140	180	240	400	–	–	–	–	23 x 14 x 26	70
LB-80-500-1	75	150	175	225	300	500	–	–	–	–	23 x 14 x 26	75
LB-125-100-1	10	19	22	29	38	64	100	–	–	–	23 x 14 x 18	40
LB-125-200-1	19	38	45	58	77	128	200	–	–	–	23 x 14 x 26	50
LB-125-250-1	24	48	56	72	96	160	250	–	–	–	23 x 14 x 26	55
LB-125-300-1	29	58	67	86	115	192	300	–	–	–	23 x 14 x 26	70
LB-125-400-1	38	77	90	115	154	256	400	–	–	–	23 x 14 x 26	75
LB-125-400-25	38	77	90	115	154	256	400	–	–	–	23 x 14 x 18	60
<b>21-270VDC, 1A Res</b>	<b>12V</b>	<b>24V</b>	<b>28V</b>	<b>36V</b>	<b>48V</b>	<b>80V</b>	<b>125V</b>	<b>240V</b>	<b>380V</b>	<b>480V</b>	<b>L x W x H in</b>	<b>lbs</b>
LB-21-270-300-1	--	58	67	86	115	192	300	150	--	--	26 x 14 x 23	80
LB-21-270-600-1	--	115	134	173	230	384	600	300	--	--	36 x 18 x 23	160
LB-21-270-900-1	--	173	202	259	346	576	900	450	--	--	56 x 18 x 23	220
LB-21-270-1200-1	--	230	269	346	461	768	1200	600	--	--	48 x 27 x 33	500
<b>10-480VDC, 1A Res</b>	<b>12V</b>	<b>24V</b>	<b>28V</b>	<b>36V</b>	<b>48V</b>	<b>80V</b>	<b>125V</b>	<b>240V</b>	<b>380V</b>	<b>480V</b>	<b>L x W x H in</b>	<b>lbs</b>
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	200	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
LB-480-750-1	12	24	28	31	48	99	188	375	594	750	72 x 40 x 44	775

DC Load Banks LB-SERIES



# LB-Series Standard Models 5A

DC Load Banks **LB-SERIES**

Models	Max Discharge Current (Amps) at										Dimensions L x W x H in	Wgt lbs
	12V	24V	28V	36V	48V	80V	125V	240V	380V	480V		
<b>10-135VDC, 5A Res</b>	<b>12V</b>	<b>24V</b>	<b>28V</b>	<b>36V</b>	<b>48V</b>	<b>80V</b>	<b>125V</b>	<b>240V</b>	<b>380V</b>	<b>480V</b>	<b>L x W x H in</b>	<b>lbs</b>
LB-12-75-5	75	–	–	–	–	–	–	–	–	–	12 x 12 x 16	20
LB-12-300-5	300	–	–	–	–	–	–	–	–	–	12 x 12 x 16	25
LB-12/24/36/48-300-5	300	300	233	300	300	–	–	–	–	–	23 x 14 x 18	55
LB-24-400-5	200	400	–	–	–	–	–	–	–	–	23 x 14 x 18	60
LB-24/48-300-5	150	300	175	225	300	–	–	–	–	–	23 x 14 x 18	45
LB-24/48-400-5	150	300	233	300	400	–	–	–	–	–	23 x 14 x 18	15
LB-24/48-500-5	250	500	292	375	500	–	–	–	–	–	23 x 14 x 18	50
LB-24/48/80-500-5	250	500	292	375	500	500	–	–	–	–	23 x 14 x 26	75
LB-28-100-5	43	86	100	–	–	–	–	–	–	–	12 x 12 x 12	15
LB-28-200-5	86	171	200	–	–	–	–	–	–	–	23 x 14 x 18	30
LB-28-300-5	129	257	300	–	–	–	–	–	–	–	23 x 14 x 18	30
LB-48-300-5	75	150	175	225	300	–	–	–	–	–	23 x 14 x 18	35
LB-48-400-5	100	200	233	300	400	–	–	–	–	–	23 x 14 x 18	40
LB-48-500-5	125	250	292	375	500	–	–	–	–	–	23 x 14 x 18	45
LB-48-750-5	188	375	438	563	750	–	–	–	–	–	23 x 14 x 26	55
LB-48-1000-5	250	500	583	750	1000	–	–	–	–	–	23 x 14 x 26	75
LB-48/125-100-5	25	50	58	75	100	64	100	–	–	–	23 x 14 x 26	45
LB-48/125-300-5	75	15	175	225	300	192	300	–	–	–	23 x 14 x 26	75
LB-80-400-5	60	120	140	180	240	400	–	–	–	–	23 x 14 x 26	55
LB-80-500-5	75	150	175	225	300	500	–	–	–	–	23 x 14 x 26	70
LB-125-100-5	10	19	22	29	38	64	100	–	–	–	23 x 14 x 18	35
LB-125-200-5	19	38	45	58	77	128	200	–	–	–	23 x 14 x 26	50
LB-125-250-5	24	48	56	72	96	160	250	–	–	–	23 x 14 x 26	60
LB-125-300-5	29	58	67	86	115	192	300	–	–	–	23 x 14 x 26	60
LB-125-400-5	38	77	90	115	154	256	400	–	–	–	23 x 14 x 26	70
LB-125-400-25	38	77	90	115	154	256	400	–	–	–	23 x 14 x 18	60
<b>21-270VDC, 5A Res</b>	<b>12V</b>	<b>24V</b>	<b>28V</b>	<b>36V</b>	<b>48V</b>	<b>80V</b>	<b>125V</b>	<b>240V</b>	<b>380V</b>	<b>480V</b>	<b>L x W x H in</b>	<b>lbs</b>
LB-21-270-250-5	--	48	56	72	96	160	250	--	--	--	14 x 14 x 23	60
LB-21-270-300-5	--	58	67	86	115	192	300	150	--	--	26 x 14 x 23	60
LB-21-270-600-5	--	115	134	173	230	384	600	300	--	--	36 x 18 x 23	80
LB-21-270-800-5	--	154	197	230	307	512	800	--	--	--	36 x 18 x 23	150
LB-21-270-900-5	--	173	202	259	346	576	900	450	--	--	56 x 18 x 23	160
LB-21-270-1200-5	--	230	269	346	461	768	1200	600	--	--	48 x 27 x 33	220
<b>10-480VDC, 5A Res</b>	<b>12V</b>	<b>24V</b>	<b>28V</b>	<b>36V</b>	<b>48V</b>	<b>80V</b>	<b>125V</b>	<b>240V</b>	<b>380V</b>	<b>480V</b>	<b>L x W x H in</b>	<b>lbs</b>
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
LB-480-750-5	12	24	28	31	48	99	188	375	594	750	72 x 40 x 44	750