

LOAD BANKS

BENCH-TOP / RACK-MOUNT

PASSIVE LOADS



LoadX series of load banks are robust, reliable, and easy to operate. Each load bank comes complete with easy to read LED display meters for voltage and current, AC cooling fans, and front or back output terminal posts. Depending on the LoadX series model, the load current can be controlled remotely with relays or high power toggle switches with various resistance steps. Ideal for R&D, Bench Test, Burn-In Applications, AC & DC Power Supplies, Batteries, Transformers, Amplifiers, Relays and Motor Drives. The floating inputs allow for application flexibility and ease of parallel and/or series operation of many load configurations. All models can continuously operate at full load with respect to the optimum voltage. All load banks available in standard 19-inch rack mount, 18.5 inches deep, with heights varying depending on the model. The standard load accuracy on all LoadX models is +/-5% (+/-1% optional).

LoadX 100A This series of load banks is optimized for a variety of voltages connected to ONE output. The user simply flicks a switch to the appropriate voltage setting and the load is optimized automatically. Ideal for users requiring a Bench load in one location for testing a variety of voltages. The LoadX 100A series has all the features of the LoadX, except that all loading current for each optimized voltage is 100 Amps maximum. All current values between 0 to 100 amps are achievable within 0.5 Amp intervals.

LoadX 2x, LoadX 3x These two series of load banks have the same flexibility as the LoadX, but have two or more separate load banks in one standard 19-inch rack mount, 18.5 inches deep. The separate load banks are complete with output terminal posts, and can be shown on the LED display meters for voltage and current.

STANDARD PRODUCT SELECTION GUIDE

LoadX	Optimized Voltage	Max Power	Max. current	Resistance Range/Ohms	Switches Relays	Height Inches
RE-0500LX-5	5V	500W	100 Amp	.05 TO 5	8	7
RE-1000LX-5	5V	1000W	200 Amp	0.025 TO 5	10	7
RE-0500LX-12	12V	500W	40 Amp	0.3 to 12	8	7
RE-1000LX-12	12V	1000W	80 Amp	0.15 to 12	8	7
RE-2500LX-12	12V	2500W	200 Amp	0.06 to 12	10	7
RE-0500LX-25	25V	625W	25 Amp	1 to 100	8	7
RE-1000LX-25	25V	1200W	48 Amp	0.5 to 100	10	7
RE-2500LX-25	25V	2500W	100 Amp	0.25 to 50	10	7
RE-5000LX-25	25V	5000W	200 Amp	0.125 to 50	10	7
RE-10KLX-25	25V	10000W	400 Amp	0.0625 to 25	12	24
RE-0500LX-50	50V	500W	10 Amp	5 to 200	8	7
RE-1000LX-50	50V	1000W	20 Amp	2.5 to 200	8	7
RE-2500LX-50	50V	2500W	50 Amp	1 to 200	10	7
RE-5000LX-50	50V	5000W	100 Amp	0.5 to 100	10	7
RE-10KLX-50	50V	10000W	200 Amp	.25 to 100	12	24
LoadX 100A						
RE-100ALX2-5	2.2V 3.3V 5V	220W 330W 500W	100 Amp	.022 to 2.2 .033 to 3.3 .05 to 5	10	7
RE-100ALX3-12	3.3V 5V 12V	330W 500W 1200W	100 Amp	0.033 to 3.3 0.05 to 5 0.12 to 12	10	7
RE-100ALX5-25	5V 12V 25V	500W 1200W 2500W	100 Amp	0.05 to 5 0.12 to 12 .25 to 25	10	7
RE-100ALX12-50	12 25V 50V	1200W 2500W 5000W	100 Amp	0.12 to 12 0.25 to 25 0.50 to 50	10	12
LoadX 2x						
RE-2X1KLX5-12	5V 12V	1000W 1000W	200A 80A	0.05 TO 5 0.15 to 12	8 8	7
RE-2X1KLX5-25	5V 25	1000W 1200W	200A 48A	0.05 TO 5 0.5 to 100	8 8	7
RE-2X1KLX5-50	5V 50V	1000W 1250W	200A 25A	0.05 TO 5 1 to 200	8 8	7
LoadX 3x						
RE-3X1KLX5-25	5V 12V 25V	1000W 1000W 1200W	200A 80A 48A	0.05 TO 5 0.15 to 12 0.5 to 100	8 8 8	7
RE-3X1KLX5-50	5V 12V 50V	1000W 1000W 1250W	200A 48A 25A	0.05 TO 5 0.5 to 100 1 to 200	8 8 8	7

LoadX

Power source testing and system validation requires accurate and reliable test equipment to ensure that all original design criteria have been met. When real world loading conditions need to be simulated, turn to LoadX for a continuous and variable loadbank solution. Ranging from 50W to 50KW, these loads are multi-step capable, adjustable to offer real time load simulation, and operate from less than 2V to 250V.

Renfrew Electric's LoadX Series provides our customers with high quality, cost-effective solutions to their Loading conditions, meeting any specific custom requirements. We work with our customers to determine their individual needs, which at times may identify a requirement for more than one product or service from our company. Our company's mission is to provide our customers with products and after sales service that exceeds their expectations, and we strive to be their designated supplier of choice.



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