

Load banks



Load bank specifications

A load bank will give you all the information you need about the performance of your unit or system under full or partial load. We have a range of smaller load bank rental solutions with robust modular chassis/canopy construction for single or three phase testing up to 1000 kW per unit, 10-foot containers for 3000 kW and 20-foot containers for 5000 kW. These units can test AC supplies at unity or variable power factor, along with battery discharge and UPS units.

Our larger units can perform resistive and reactive testing of generators and power supplies, handling up to 480 V and 6 MVA each.

There is 690 V and HV testing without a transformer, and the units can have unity or variable power factor. Multiple units can easily be linked. Housed in robust ISO containers, the units are mobile and come with all the ancillaries you'll need.



Load banks

Technical information

Model		LB 200	LB 1000	LB 1266	LB 1500
Type	-	Resistive	Resistive	Resistive	Resistive / Inductive
Power capacity ¹	kVA	200	1000	1266 (450V)	1042
Power capacity ²	kW	200	1000	1266 (450V)	833
Aux supply	V	230, single phase, 16A	400, 50Hz, 440 60Hz	400, 50Hz, 440 60Hz	400, 50Hz, 440 60Hz
Power factor	-	1	1	1	0.1-1.0
External fan & control supply	-	3 pole 16 Amp CEE	5 pole 32 Amp CEE	5 pole 32 Amp CEE	5 pole 32 Amp CEE
Airflow	-	Horizontal	Horizontal	Horizontal	Vertical
Enclosure	-	Wheels	Fork base	Fork base	Fork base
Connection points	-	Powellocks	M12	M12 (opt. powerlocks)	M12
Dimensions [LxWxH]	mm	1140x870x985	2340x1540x2075	2340x1540x2075	3050x1852x2460
Weight	kg	300	1420	1420	5150
Forklift pockets	-	Yes	Yes	Yes	Yes
Max. Sound level ³	dBA	69	73	73	79

Model		LB 2000	LB 3000	LB 6000	LB 6000-690
Type	-	Resistive / Inductive	Resistive / Inductive	Resistive / Inductive	Resistive / Inductive
Power capacity ¹	kVA	2000 (480V)	2292	5000	6250 ⁴
Power capacity ²	kW	1600 (480V)	1833	4000	5000 ⁵
Aux supply	V	400, 50Hz, 440 60Hz	400, 50Hz, 440 60Hz	400, 50Hz, 440 60Hz	380-420, 50Hz, 440-480, 60Hz
Power factor	-	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0
External fan & control supply	-	5 pole 32 Amp CEE	5 pole 63 Amp CEE	5 pole 125 Amp CEE	5 pole 125 Amp CEE
Airflow	-	Vertical	Vertical	Vertical	Vertical
Enclosure	-	Fork base	Container	Container	Container
Connection points	-	M13	M12	M12	M12
Dimensions [LxWxH]	mm	3050x1958x2530	2991x2438x2591	6058x2438x2591	6058x2438x2591
Weight	kg	5150	9000	17000	17000
Forklift pockets	-	Yes	Yes	Yes	Yes
Max. Sound level ³	dBA	80	85	88	88

Details are given for guidance only. Exact equipment may vary according to geographical location and availability.

1. Power capacity at 50Hz, 400V, 0.8pf
2. Power capacity at 50Hz, 400V, 1pf
3. Sound levels given at 3m 50Hz
4. @ 690V, 0.8pf
5. 690V, 1.0pf
6. @ 690V



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