

ENERGYST LOAD BANKS SPECIFICATION



LOAD BANKS 1000 – 6000 KVA

WIDE RANGE OF LOAD BANKS FOR RESISTIVE & REACTIVE TESTING

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 hire 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's 690 V and HV testing with 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.

Applications:

- UPS testing – Uninterruptible Power Supplies
- Testing and commissioning new power equipment and installations
- ISO 8528 verification, block load steps and transient response performance
- Black-start validation
- Optimising gen set performance and long term heat run testing
- Routine maintenance verification for standby power systems
- Switchgear validation
- AVR and governor setup
- Battery discharge

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TECHNICAL INFORMATION

Model		LB 1000	LB 1500	LB 3000	LB 6000
Type	-	Resistive	Resistive/inductive	Resistive/inductive	Resistive/inductive
Power capacity	kVA ¹	1000	1042	2292	5000
	kW ²	1000	833	1833	4000
Power factor	-	1	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0
External fan & control supply	-	5 pole 32 Amp CEE	5 pole 32 Amp CEE	5 pole 63 Amp CEE	5 pole 125 Amp CEE
Air flow	-	Horizontal	Vertical	Vertical	Vertical
Enclosure	-	Fork base	Fork Base	Container	Container
Forklift pockets	-	Yes	Yes	Yes	Yes
Connection points	-	M12	M12	M12	M12
Dimensions [LxWxH]	mm	2340 x 1540 x 2075	3050 x 1852 x 2460	2991 x 2438 x 2591	6058 x 2438 x 2591
Weight	kg	1420	5150	9000	17000
Max. sound level ³	dBa	73	79	85	88

1. Power capacity at 50Hz, 400V, 0.8pf
2. Power capacity at 50Hz, 400V, 1.0pf
3. Sound levels given at 3m 50Hz

Please consult Energyst for detailed capacities at other voltages/frequencies.

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

WE'D LIKE TO HEAR FROM YOU

If you would like to talk to us, request a rental or have a question there are two ways to contact us.

CALL US: 00800 3637 4978
EMAIL US: INFO@ENERGYST.COM

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