

MW-Scale LV/MV Commissioning Load Banks

Containerized and skid-based load banks for generator, UPS, MV distribution and integrated systems testing.



POWER RANGE

1–8 MW



VOLTAGE

400 V to 10.5 kV



LOAD TYPES

R / R-L / R-C



DEPLOYMENT

**Container /
Trailer / Skid**

Built for full-facility commissioning



Support generator, UPS and emergency power acceptance testing



Available in low-voltage and medium-voltage project configurations



Local HMI plus remote monitoring / control options



Modular packaging for transport, fast mobilization and site deployment



REPRESENTATIVE FAMILY SPECIFICATIONS

Model	Rated power	Nominal voltage	Load type	Typical packaging
LB-1000	1 MW	400 / 480 V	Resistive	Skid / container
LB-2000	2 MW	400 / 480 V / 6.6 kV	Resistive / reactive optional	Container
LB-2500	2.5 MW	400 / 480 V / 6.6 kV	Resistive	Container
LB-4000	4 MW	6.6 / 10.5 kV	Resistive / reactive optional	Container
LB-8000	8 MW	Up to 10.5 kV	Project-configured	Multi-container system

COMMON PLATFORM CAPABILITIES

- Single-unit and modular multi-bank configurations
- Step loading for staged commissioning scenarios
- Electrical monitoring for voltage, current, active power and frequency
- Optional inductive or capacitive components to simulate real power factor conditions
- Project-specific connectors, cable interfaces and protection arrangements



COMMISSIONING APPLICATIONS

- Generator load testing and endurance runs
- UPS / battery discharge and backup-power validation
- Switchgear, transformer and feeder verification
- Data-centre integrated systems testing (IST)
- Black-building and resilience scenario testing

AMOR PROJECT DELIVERY SUPPORT



CONFIGURE

Project requirements + equipment selection



MOBILIZE

Delivery + temporary interface coordination



SUPPORT

Setup + operation + troubleshooting



INTEGRATE

Work under the approved project test plan



Final technical submittals may include project-specific voltage, connectors, power-factor packages and packaging dimensions. The supplied configuration is finalized against the approved test plan.



REQUEST A PROJECT REVIEW

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