

RadBANK™

Radiator Mounted Load Bank 10kW – 1500kW



ISO 9001:2015 Registered



NRTL Certification
to CUL or similar

Mosebach's RadBANK™ Load Bank is constructed of a heavy-duty steel enclosure. Each frame is fabricated to fit the particular application with heavy-duty lifting provisions for easy lifting and maneuvering. The air outlet will be protected by an expanded metal screen. Protective louvers are added for horizontal discharge mounting.

Mosebach offers radiator and roof mount duct mounted load banks from 10 - 1500kW. These units are specifically designed to fit all types of generator sets. The RadBANK is

designed for Generators that are consistently lightly loaded to extend the life of the generator.

Controls are mounted locally on the side of the unit. The Control Box will include the following:

- Main power on/off switch
- Master load on/off switch
- Individual load step on/off switches
- Temperature Fault indicator lamp
- System OK indicator lamp

Available Options:

- Optional Metering Kit**
Includes a digital meter with bright LCD display capable of measuring kW, I, V, Power Factor, Frequency and more, with a USB data port for data logging/interface capabilities
<http://www.accuenergy.com/acuvim-ii-series-multifunction-power-meter>
- Optional Remote Control**
Allows user to mount the remote control inside the generator control panel area for easy operation.
- Auto Generator Loading**
The GLS module is designed to sense load on a generator and maintain a minimum power load that is set by the customer. The module includes internal hardware for sensing and adding/subtracting load. Controls are locally on the load bank and for GLS mode just need to be switched to Auto. The GLS module uses feedback from the Current Transformers to add and subtract load steps within the load bank.
- Auto Load Dump**
Automatically shuts the load bank off in the event of a power outage. Which will allow the generator to provide full power to the building.

Mosebach resistive load elements are connected in Delta. Ni-Chrome wire wound resistors are supported by Mica or ceramic depending on the desired mounting. Maximum airflow is allowed around the resistive element while still being supported every 1/4" with Mica or continuously with ceramic. These designs minimize wear on the resistive element and insulators.

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