

Overview

- Radiator Airflow Cooled
- Designed for top mounting on enclosed generator sets with vertical radiator air outflow
- Outdoor, weatherproof construction
- UL/CUL Listed

Description

Simplex Vector Load Banks are radiator air cooled units designed for rooftop mounting on enclosed generator sets which have an air turning plenum to exhaust air vertically, through the roof. The Vector Load Bank mounts over the air exhaust opening and is cooled by the radiator air outflow. Vector Load Banks are fully weatherproof and intended for outdoor installation and operation in all weather conditions. Vector Load Banks are UL/CUL Listed.

Vector load elements are fully enclosed, sealed and weatherproof and not affected by rain or snow. Additional louvers or turning vanes are not required. The load banks are self-contained and include all control and circuit protective devices within weatherproof enclosures.

Vector Load Banks are of modular construction built to the air outflow roof opening on the enclosed generator set. Typically, the control section of the load bank overhangs the front of the generator set enclosure, allowing bottom conduit entry.

Given the rooftop mounting of the Vector Load Bank, remote operator controls are included for installation in a user convenient location.

Vector Load Banks are available in a plain galvanized finish or powder-coated to match the generator set enclosure.



Manual or automatic, analog or digital controllers are available. Automatic options include automatic load regulating, automatic exercise, and regenerative power control.

Features

- Rooftop mounting on enclosed generator sets
- Matches rooftop opening
- UL / CUL Listed
- Outdoor, weatherproof
- Not affected by rain or snow
- Available powder coated to match genset
- Manual and automatic controllers
- Analog or digital controllers
- Standardized, modular construction for quick delivery



Vector

Radiator Airflow Cooled
Vertical Flow - Top Mount • Page 2

SIMPLEX®



Capacity Range

5-400kw

Voltage

Low voltage, to 600v

Load Steps

5-10-25-50kw

Control Power

Internal, line voltage

Load Control

On-board contactors

System Protection

Load power and control power fuses,
overtemperature sensor

Connection

Bolt-on, bottom entry

Operator Control

Remote, analog or digital

