



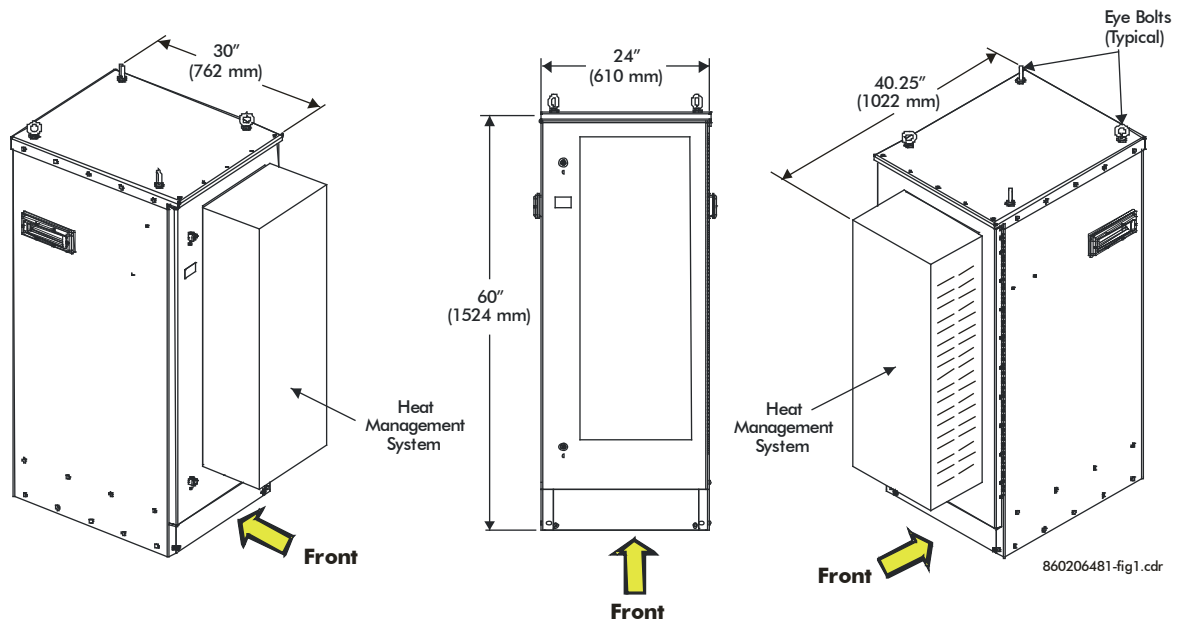
## RB60 Radio & Battery Outdoor Cabinet Series

The RB60 Radio and Battery Outdoor Cabinet Series is intended for use in an outside plant environment to house the customer provided radio equipment, a -48 VDC power plant, and associated equipment. Currently, two different outdoor cabinet types make up the series, the RB60-1 and the RB60-2. The cabinets will provide environmental protection for electronics in an outdoor environment using AC utility power. The cabinets include an 8000 BTU air conditioner to maintain cabinet temperatures near a range from 77° F to 104° F (25° C to 40° C).

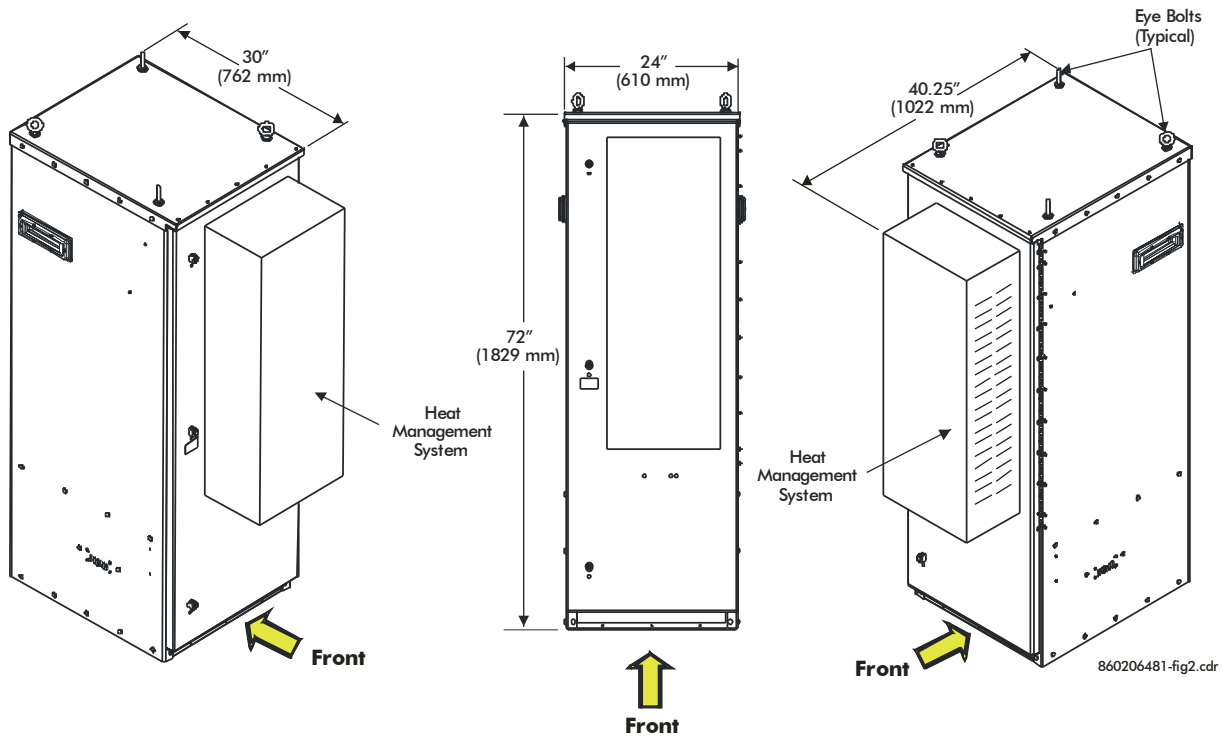
- RB60 cabinets provide approximately 44-inches (1120 mm) of rack space for enterprise electronics.
- RB60 cabinets utilize a heat management system (HMS) on the front door to provide for all of the thermal needs for the electronics inside, and also include built-in alarms and controls for the HMS, door intrusion alarms, and other features for operation in outside plant environments.
- The RB60-1 and RB60-2 cabinets are very similar. The major difference between the two cabinets is that the RB60-2 cabinet is designed to accommodate a string of Hawker SBS B14 batteries. These batteries provide short-term battery reserve to the RB60 unit.
- The RB60-1 outdoor cabinet is 60-inches tall, and the RB60-2 outdoor cabinet is 72- inches tall (to accommodate Hawker batteries).
- RB60 cabinets are designed to operate from a 220V nominal AC power or a dual power system consisting of 220V nominal AC power and -48 VDC power. The branch breaker in the customer provided AC power panel will support the AC power needed for RB60 cabinets.
- An RB60 cabinet can be configured to have two sets of AC feeds for powering up the rectifier plant and the heat management system. If the rectifier plant is not present in the cabinet, then one set of AC feeds is brought in for the Heat Management System (HMS) and two sets of DC feeds (one feed for the RB60 unit and the other feed for the bay fans) are brought in to provide power to the RB60 equipment. In the dual power configuration, the unused rack height above the RB60 equipment can be wired to house miscellaneous 19-inch rack mounted equipment.

### Features

- RB60 cabinets are designed specifically for the outdoor plant environment to optimize heat transfer, environmental protection, and ease of installation and maintenance.
- Each RB60 cabinet is assembled, completely wired, and tested at the factory to provide the highest standards of quality and quick trouble free installation.
- RB60 cabinets are manufactured with all corrosion resistant materials. One-eighth inch thick aluminum is used for the cabinet body and the majority of the cabinet components. This material was selected because of its strength, durability, fire resistance, corrosion resistance, and heat transfer characteristics, which are essential for outdoor applications.
- A polyester powder paint finish is electrostatically applied to all RB60 cabinet surfaces to produce an extremely durable, high-quality finish and attractive appearance.



**RB60-1 Cabinet**



**RB60-2 Cabinet**

For more information on our products, please contact your CommScope Sales Representative or call 1-800-4CABNET (1-800-422-2638). You can also visit our website at <http://cw.commscope.com>

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