

Outdoor Battery Cabinet



Versatile backup power solution that virtually eliminates downtime.

This Outdoor Battery Cabinet provides additional battery capacity to an existing power backup system. This perfect battery solution can extend backup capacity for outdoor wireline and wireless applications.

This cabinet supports up to five battery strings and includes low voltage disconnect circuitry to protect the batteries from damage.

The patented enhanced cooling system keeps batteries at their optimal temperature for better performance and extended battery life. The flexible modular cabinet supports either -48 Vdc or $+24$ Vdc systems and includes redundant cooling fans for enhanced reliability.

Reduce Operating Expenses (OpEx)—Dual variable speed fans reduce power consumption, noise and virtually eliminate downtime due to thermal overload. The dual fans provide redundancy, eliminating expedited service charges. A fan failure is a minor event, avoiding costly dispatches of emergency repair crews.

Easy to Install—Each cabinet is assembled, completely wired and system tested to ensure an easy and trouble-free installation.

Less Maintenance—Advanced heating and cooling system maintains batteries at their optimal temperature for better performance and extended battery life.

Flexible Design—Supports a wide range of batteries from multiple suppliers. Each battery shelf has its own circuit breaker offering better protection and isolation.

Better Protection—Tough environmental design standards minimize equipment losses during catastrophes. The cabinet uses a weather hardened enclosure to protect the batteries and other equipment inside of the cabinet.

Energy Efficient—Cabinet utilizes variable speed fans that minimize noise and reduce power

Product Brief

60ECv2



consumption.

Standards Compliant—Fully compliant to environmental and reliability requirements.

- Reduce OpEx
- Easy to install
- Less maintenance
- Flexible design
- Better protection
- Energy efficient
- Standards compliant

Product Specifications



60ECv2

60ECv2 Large Format Battery Back-up Outdoor Cabinet

CHARACTERISTICS

Dimensions

Depth	762.0 mm		30.0 in
Depth, without door	762.00 mm		30.00 in
Height	1524.0 mm		60.0 in
Width	787.0 mm		31.0 in
Weight	192.78 kg		425.00 lb
Weight, with batteries, typical	737.09 kg		1625.00 lb

General Specifications

Access	Front door
Batteries Supported	10
Batteries Supported, with optional battery pedestal	0 No optional battery pedestal
Battery String Current, maximum	725 A-h @ -48 Vdc 1450 A-h @ 24 Vdc
Battery Strings, quantity	5 @ -48 Vdc 10 @ 24 Vdc
Cabinet Type	Battery auxiliary cabinet
Color	Gray
Cooling Options	Direct air with mesh filter
Finish	Powder coated

Electrical Specifications

Voltage	-48 Vdc 24 Vdc
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Battery Compartment Dimensions

Depth	558.80 mm		22.00 in
Height	320.04 mm		12.60 in
Width	123.44 mm		4.86 in

Environmental Specifications

Operating Temperature	-40 °C to +46 °C (-40 °F to +115 °F)
Qualification Standards	Telcordia GR-487, Zone 4 UL/ETL Type 3R

* Footnotes

Product Specifications

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Batteries Supported

Where batteries are supported, the maximum dimensions of each battery are: width: 123 mm (4.86 in); height: 320 mm (12.6 in); depth: 559 mm (22 in)