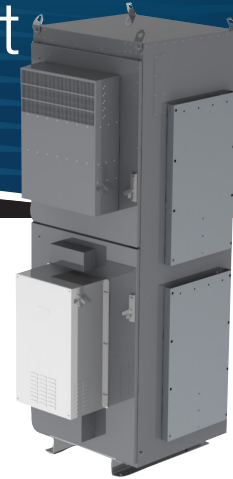


SiteFlex® Power & Battery Cabinet

Power and Equipment Enclosure Solutions



The Power and Battery Cabinet, part of Purcell Systems' SiteSupport enclosure line, serves as a durable and environmentally controlled cabinet for power equipment and batteries for outdoor deployments.

Segregated power and battery compartments utilize separate energy-efficient thermal management systems to ensure that the equipment deployed in the cabinet will operate within its design parameters with the highest reliability and lowest Total Cost of Ownership; including low maintenance and energy costs.

The cabinet is divided into top compartment for power equipment and a lower compartment for batteries with separate access doors for each compartment. The Power and Battery cabinet is the optimal solution for your deployment of power equipment and batteries; leaves a small footprint, and will withstand harsh weather conditions.

Applications

Provides a thermally-controlled environment for power equipment and batteries; feeding other telecom systems / enclosures.

Product Features:

- Power Agnostic—supports multiple power system manufacturers
- Optimized Climate Systems for each compartment promotes energy efficiency and savings
- Flexible options for cable ingress, egress, and management
- Quick and easy installation
- House up to three strings of batteries for maximum back-up capacity

The Purcell Advantage

Purcell Systems designs and manufactures thermally-managed outdoor enclosures that meet the exact needs of the enclosed equipment for network operators and utilities. Our enclosures provide comparable solutions to prefabricated buildings, containers and shelters at a fraction of the cost. Both standard and custom enclosures are delivered with the following capabilities:

Choice of Options: Pre-engineered and interchangeable modules provide optimal configurations with minimal cost and lead time.

Thermal Management: The industry's widest selection of heating and cooling systems ensures the most efficient thermal management solution with the lowest energy consumption.

Lowest Total Cost of Ownership: Engineering analysis and modeling ensures your enclosure configuration minimizes installation, maintenance, repair, capital, and operational expenses.

Equipment Integration and Staging: Electronic equipment can be staged and installed in our enclosures prior to final deployment and installation.



SiteFlex® Power & Battery Cabinet

Power and Battery Cabinet			Thermal Management Systems		
Exterior Dimensions		Rack Units	Direct Air Cooling	Air Conditioner	Emergency Ventilation System
No plinth	830mm x 805mm x 2500mm 32.7"W x 31.7"D x 98.4"H	18 RU	900 W -48VDC	400 W 1.4K BTU/hr	100 W

Specifications		
EXTERIOR	INTERIOR Power Compartment (Upper)	Environmental
Construction	Equipment Mounting	<ul style="list-style-type: none"> Operating Temperature: -33° to +50 °C IP Protection: IP 55 Humidity: 100%
<ul style="list-style-type: none"> Frame: Material thickness 1,5 mm / 0.060" steel (DX51D Z275 per EN 10346:2009) Insulation: Internal 25 mm / 1" insulation Finish: Light Grey (RAL 7035) polyester powder coat Weight (Standard configuration with Climate System): 280 kg / 617 lbs 	<ul style="list-style-type: none"> Power Compartment (upper): 19" or 23" equipment rails Battery Compartment (lower): Supports up to 3 tiers (4 batteries per tier) of up to 170 Ah 12 Volt batteries AC Power Termination and Distribution Distribution Box for AC circuit breakers 	Warranty
Door/Side/Top Panels	DC Power Systems and Distribution	<ul style="list-style-type: none"> 1 Year
<ul style="list-style-type: none"> Doors: Single skinned, insulated with reinforced steel frame Doors: Front doors, left open. Door Handles: Lock cylinder Door Hinges: Hidden hinges 	Other Options	
Cable Entry	<ul style="list-style-type: none"> Alarms: thermal systems, door intrusion, and high-temp alarms 	
<ul style="list-style-type: none"> Ingress/Egress: Knockouts on bottom and sides. Blind covers on sides. Protection: Plastic/rubber glands 		
Mounting Options		
<ul style="list-style-type: none"> Secured in bottom to concrete pad or rails 		