

# SiteFlex® SFX05-1518

Power and Equipment Enclosure Solutions



The SiteFlex® series uses pre-engineered interchangeable components to house a variety of outside plant equipment. Adjustable components, mounting options, and a wide variety of kits and accessories provide the exact enclosure configuration to deploy your equipment in any environment or location. Other options include battery backup, AC/DC power termination and distribution, RF cable management trays, emergency ventilation system, and external alarms.

Advanced thermal management systems include air conditioning, heat exchangers, direct air cooling, and thermoelectric cooling. The SiteFlex® enclosure supports the FlexAir™ door that allows the cabinet to be divided into multiple thermal zones supporting vastly different equipment operating characteristics with the highest reliability and lowest Total Cost of Ownership.

## Applications

Provides a secure, thermally-controlled environment for any electronic equipment supporting a wide-range of Cable/MSO, Energy/Utility, Land Mobile Radio, Transportation, U.S. Government/Military, and Wireless and Wireline Telecommunication applications.

## Product Features:

- Highly flexible and scalable
- Energy efficient advanced thermal solutions
- FlexAir™ door supports multiple thermal zones within cabinet
- RF Top for cable management
- Field upgradeable
- AC and DC power options
- Pad, pole, wall, and H-frame mount options
- 5, 17, 24, 31, 37 and 42 RU equipment bay options

## 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.

**Fanatical Service®:** A national service organization with 24/7/365 access means procurement, installation, support, and warranty requests are addressed immediately.



Dimensions and Expansion Options			Thermal Management Systems
Exterior Dimensions		Rack Units	Direct Air Cooler  55 CFM Fan
No Battery Pedestal	15"W x 18.5"D x 24"H 381mm x 470mm x 610mm	5RU	
With 13" Battery Pedestal	15"W x 18.5"D x 37"H 381mm x 470mm x 940mm		

Specifications		
EXTERIOR	Battery Pedestal	Other Options
<b>Construction</b>	<ul style="list-style-type: none"> <li>Ventilated compartment</li> <li>Supports up to (4) 62 Ahr 12 Volt batteries</li> <li>Compatible with pad, pole, or wall mount</li> </ul>	<ul style="list-style-type: none"> <li>Bonding and Grounding: Integrated, 6 positions</li> <li>Accessories: Up to 24 position fiber splice and termination, Ethernet surge protection</li> </ul>
<ul style="list-style-type: none"> <li>Frame: 0.090" Corrosion Resistant Aluminum; single wall construction</li> <li>Insulation: Internal 3/8" insulation</li> <li>Finish: Ultra-light gray polyester powder coat</li> <li>Weight (Base Configuration): 35 lbs</li> </ul>	<b>Mounting Options</b>	<b>OTHER</b>
<b>Door/Side/Top Panels</b>	<ul style="list-style-type: none"> <li>Pole Mount</li> <li>Wall Mount</li> <li>Pad mount (with battery pedestal)</li> </ul>	<b>Agency Compliance</b>
<ul style="list-style-type: none"> <li>Doors: Front door</li> <li>Door Handles: pad-lockable</li> <li>Door Hinges: Hidden hinges</li> </ul>	<b>INTERIOR</b>	<ul style="list-style-type: none"> <li>CSA Listed 60950-1</li> <li>CSA Listed 60950-22</li> </ul>
<b>Cable Entry</b>	<b>Equipment Mounting</b>	<b>Environmental</b>
<ul style="list-style-type: none"> <li>Ingress/Egress: Knockouts on bottom</li> </ul>	<ul style="list-style-type: none"> <li>19" equipment rails</li> </ul>	<ul style="list-style-type: none"> <li>RoHS</li> <li>IP Protection: IP65</li> </ul>
	<b>DC Power Systems and Distribution</b>	<b>Warranty</b>
	<ul style="list-style-type: none"> <li>Multiple suppliers and configurations available</li> <li>DC Distribution: Up to 10 positions</li> <li>Surge Protection Device (SPD)</li> </ul>	<ul style="list-style-type: none"> <li>5 Years on Enclosure, 1 Year on Thermal System</li> </ul>

