SiteFlex® SFX17-2824

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, cable management trays, emergency ventilation system, and external alarms.

Advanced thermal management systems include air conditioning, heat exchangers, direct air cooling, thermoelectric cooling, and passive solutions. The SiteFlex® enclosure architecture 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:

- Energy efficient advanced thermal solutions
- Many easy to install field upgradeable features including thermal solutions
- AC and DC power options
- Pad, pole, wall, and H-frame mount 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.

Purcell SYSTEMS
an EnerSys company

Dimensions and Expansion Options			Thermal Management Systems	
Exterior Dimensions		Rack Units	Air Conditioner	Thermal Electric Cooler (TEC)
No plinth	28"W x 23.5"D x 35.5"H 711mm x 597mm x 902mm	17RU	2K BTU/585W with 500W heater	(2) x 200W
6.5" plinth	28"W x 23.5"D x 42.0"H 711mm x 597mm x 1067mm			

Specifications

EXTERIOR	INTERIOR	Other Options
Construction	**Equipment Mounting**	• Convenience Outlets: 20A, GFCI or standard
• Frame: 0.090" Corrosion Resistant Aluminum; single wall construction	• 19" or 23" equipment rails; configurable locations front-to-back	• Bonding and Grounding: Copper isolated 7 positions, Integrated 4 positions
• Insulation: Internal 3/8" foil-backed insulation	**Battery Containment**	• Alarm Block: Up to 12 Positions (includes intrusion and thermal)
• Finish: Ultra-light gray polyester powder coat	• Supports up to 1 tier (4 batteries per tier) of up to 100Ahr 12 Volt batteries	• Accessories: Rail Adapters, 23" to 19", Telco board
• Weight (Base Configuration): 70lbs	• Battery heater mat: 130 Watts	
Door/Side/Top Panels		**OTHER**
• Doors: Front door; rear hatch	**AC Power Termination and Distribution**	Agency Compliance
• Door Handles: Pad-lockable	• Load Center Location: external	• UL Listed – UL508A
• Door Hinges: Not Hidden	• 8 position external load center	• NEMA 3R
Cable Entry	• Up to 70 Amp Main Breaker	Environmental
• Ingress/Egress: Knockouts on bottom/side	• Generator Inlet: 100 Amp	• IP Protection: Designed to IP54
Mounting Options	**DC Power Systems and Distribution**	Warranty
• Pole Mount Kit	• Multiple suppliers and configurations available	• 5 Years on Enclosure, 1 Year on Thermal System
• Wall or H-Frame Mount	• DC Distribution: Up to 10 positions	
• Plinth: 6.5" height, standard footprint		

PurCell SYSTEMS
an EnerSys company