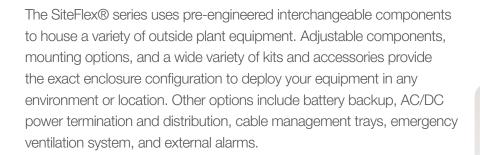
# SiteFlex® SFX17-2824

Power and Equipment Enclosure Solutions



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.

# SiteFlex® SFX17-2824

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			

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