



SFX37PWR

PRODUCT SPECIFICATION

Outdoor Power Enclosure Solution

Overview

The Site Flex[®] Power Support Cabinet provides AC and DC Power, RF cable management, battery space and auxiliary user space in a compact, environmentally controlled cabinet.


It is designed to support a variety of manufacturer's of Base Transceiver Stations (BTS). Standard features of this modular cabinet include integrated DC, external alarms, gangbox receptacles, and side-entry ports for easy cable routing to adjoining equipment.

A scalable design allows for initial configuration of one BTS, and the ability to expand capacity quickly and easily as the number of BTS's increases.



SiteFlex[®] SFX37PWR

TECHNICAL SPECIFICATIONS

Physical Dimensions	Exterior:	68"H x 30"W x 31"D (not incl. available 9", 14", or 25" RF tops) (+4" with optional plinth)
	Interior:	67"H x 29"W x 29"D
	Weight:	~375 lbs. Cabinet only ~100 lbs. air conditioning unit
Construction Materials	Material:	Aluminum (lightweight, corrosion-resistant)
	Finish:	UL Pantone, ultra-light grey, TGIC polyester powder coat
Door/Side Panel Construction	Doors:	Front door with EVS™ (see below), rear door with air conditioner
	Latches:	Four-point latched and pad lockable, available door alarms
	Gasket:	Gasket is ASTM and UL listed for outdoor use
Equipment Mounting	Rack Size/Space:	19" or 23" configurable/expandable rack system 37RU initially—final available space depends on battery configuration and power requirements
Environmental Configuration Options	Cooling:	9k or 12.3k air conditioner with 500W heater
	Ventilation:	Front door equipped with EVS™ (Emergency Ventilation System) for high heat mitigation in case of commercial power and/or air conditioner failure
Standard Components	AC Receptacles:	2 standard, 2 GFI
	Cable Entry Ports:	RF top aligns precisely to BTS radio enclosure for power and RF cable routing; 4 ea. 9-way RF boots (left side)
	Integrated Grounding:	Integrated ground bar. UL-listed bonding hardware and easily accessible mounting points for "single-point" ground
Optional Configurations	DC Power:	Multiple power system & rectifier options available depending on application and number of battery boxes utilized in cabinet
	Battery/Battery Box:	Accommodates from one to three battery boxes [up to (12) 170Ahr VRLA batteries]: +24V: Two to six strings of batteries -48V: One to three strings of batteries
	Mounting Options:	Pad-mountable with gasket or optional 4" plinth for ease of installation
AC Power Options	ATS TerMod:	Combination load center and telco compartment with integrated surge suppression and Automatic Transfer Switch
	MTS TerMod:	Same as above, but with Manual Transfer Switch and 30 or 42 pos. breaker options
	PPC200:	200A PPC, load center with surge suppression and 200A main breaker. No telco comp. or generator plug.
	AC Splice Box	Single integrated AC splice box
	Telco Box	Single integrated Telco box
Agency Information	 Enclosure only.	
Warranty Information	Limited warranty available. Contact your Sales Associate for details.	

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Due to continual product enhancements, specifications are subject to change without notice.

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