

SiteFlex® AC37

Outdoor Power Enclosure Solution

The SiteFlex® AC37 enclosure 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 Base Transceiver Stations (BTS). Standard features of this modular cabinet include integrated DC Power, external alarms, AC receptacles, and side entry-ports for easy cable routing to adjoining equipment.

Advanced thermal management systems include air conditioning, direct air cooling, and thermoelectric cooling. The SiteFlex AC37 includes options for Purcell Systems' **FlexAir** door to reduce power and maintenance costs with a lower total cost of ownership compared to traditional air conditioning.

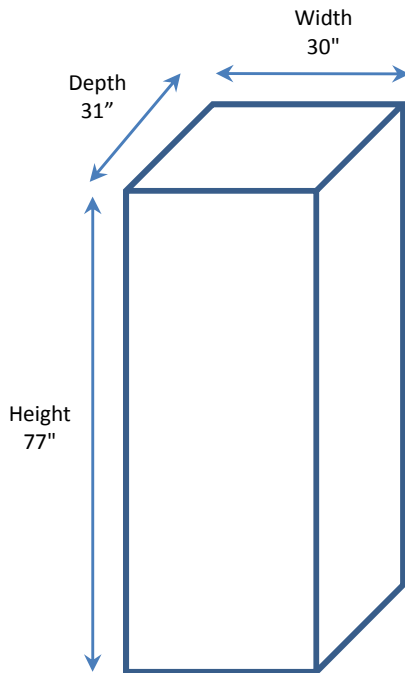
A scalable design allows for initial configuration of one BTS, and the ability to expand capacity quickly and easily as the number of BTS's increases.



SiteFlex AC37 with FlexAir door featuring direct air cooling and thermoelectric cooling

SiteFlex® AC37

Exterior Dimensions



Interior Dimensions

- 67"H x 29"W x 29"D

Construction Materials

- Aluminum (lightweight, corrosion-resistant)
- Foil-backed insulation on interior surfaces
- Paint: polyester powder coat
- Doors: multi-point latched and pad lockable (padlock provided by end-user); available door alarms

AC Power Configuration

- AC power options:
 - 240/120VAC, 125A 16, or 24-position load-center, internal load center, or PPC options; optional Telco box
 - 240/120VAC, up to 125A terminal block/AC breakers assembly

Equipment Mounting

- 37RU of 23" equipment space
- *Rack system varies per battery backup configuration*

Battery Box Configuration

- Accommodates from one to three battery boxes (up to 12 batteries)
- +24V- one to six strings of up to 170Ahr VRLA batteries
- -48V- one to three strings of up to 170Ahr VRLA batteries

Front Door (Thermal Management) Options

- Air Conditioner:
 - 6,000 BTU/hr with 500W heater
 - 6,000 BTU/hr with 1500W heater
- FlexAir door: Direct Air Cooler (600W @ 10 C dT with Thermoelectric Cooler (400W (units x 20)W) @ 0 C dT)

Rear Door Options

- Rear hatch
- Blank door
- 6,000 BTU/hr with 500W heater
- 10,000 BTU/hr with 1200W heater

Mounting Options

- 4" plinth or pad gasket for ease of installation

Standard Components

- AC receptacle- Four outlet gang-box (2 standard and 2 GFCI)
- Power/Data Knockouts- various for power/grounding and data routing with water-tight seals
- Integrated Grounding- UL-listed bonding hardware

Weight

- 870lbs cabinet only

Agency Information



Warranty

- 5 years enclosure/1 year thermal system

Purcell Systems, Inc.

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