

FlexSure® FLX12BLS

PRODUCT SPECIFICATION

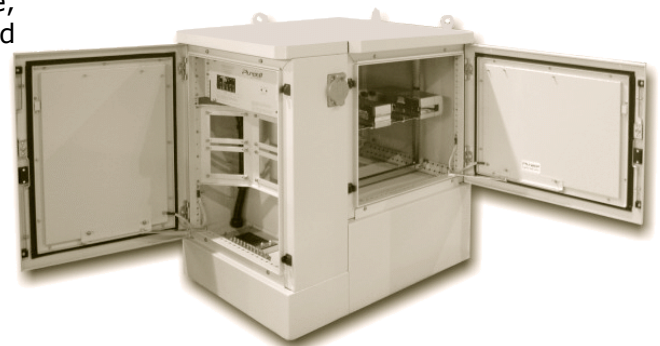
Power and Equipment Enclosure Solution

Overview

The FlexSure® FLX12BLS outdoor enclosure architecture utilizes a variety of bolt-on modules that allow you to pick and choose your options for cooling, battery backup, AC/DC power, cross connect, and line protection. The depth of the enclosures in the FlexSure® BLS series permits the addition of a second set of equipment rails for front and rear space utilization—effectively doubling the available rack space.

With the capability to field-upgrade your system with additional modules, the FLX12BLS offers more control and management of remote site construction and build out. As demand or technology changes, the enclosure can be field modified to match new RU, power, and thermal configurations.

Common applications include but are not limited to DSL, Broadband Loop Carrier, Fiber interface, wireless backhaul, and other field installed electronics.



FLX12BLS (inside view) with AC Power Module and Battery Pedestal

FlexSure[®] FLX12BLS

TECHNICAL SPECIFICATIONS

Physical Dimensions

Exterior:	Equip. Bay:	31"H x 30"W x 30"D
	Equip. Bay w/ Batt. Base:	41"H x 30"W x 30"D
	Equip. Bay w/ Batt. Base and End Chamber:	41"H x 40"W (or 46"W) x 30"D
Interior (door openings):	Equip. Bay:	21"H x 24"W x 26"D
	End Chamber:	25"H x 26"W x 10"D (or 16"D)
Weight:	~332 lbs. Cabinet only	

Construction Materials

Material:	Aluminum (lightweight, corrosion-resistant)
Finish:	UL Pantone, ultra-light grey, TGIC polyester powder coat

Door/Side Panel Construction

Doors:	Front door, Rear door/hatch, left or right side opening
Latches:	2-4 point latched, flush mount and pad lockable (provided by end-user) Optional Telco tools or key access and EMI available
Side Panels:	Removable for field expandability with additional equipment bays/end chambers

Equipment Mounting

Rack Size/Space:	12RU (24RU with dual rails), 19" or 23", front-to-back adjustable. Zone 4. Additional 19" or 23" wide rack space available in optional 10" or 16" deep end chamber (term/protection module). Contact Purcell Systems to determine available rack space based on equipment configurations
------------------	--

Environmental Configuration Options

Cooling:	Air Conditioner: 2k BTU/hr capacity available with various mounting configurations* Heat Exchanger: 20W/C, 39W/C capacity available with various mounting configurations* *Contact Purcell Systems for appropriate selection and configuration
Ventilation:	DC fan system with filtered louvres

Standard Components

Battery Pedestal:	Battery pedestal available (multiple configurations), accommodates up to 170Ahr batteries
AC Receptacles:	2 GFI
Cable Entry Ports:	Bottom cable entry plates

AC Power Options

AC Power Termination:	30A-100A main power with optional transient voltage surge protection, 30A or 100A generator receptacle and 8-12 position load center with AC distribution in 120V or 240V configurations
Termination/Protection Module:	VF line protection, OSP cable splicing ladder rack, telco area, cross connect field. Able to provide additional 19" or 23" equipment rack space

Optional Configurations

DC Power:	Up to 600A DC power system available
Mounting Options:	Anchor kit for concrete mounting, Pole-mount kit, and Wall-mount kit available

Agency Information

Telcordia GR-487 Issue 2 Certified, UL listed

Warranty Information

Limited warranty available. Contact your Sales Associate for details.

Proprietary and Confidential

Purcell Systems, Inc. Corporate Headquarters
16125 East Euclid Avenue • Spokane Valley, Washington • 99216
Phone: (509) 755-0341 • Fax: (509) 755-0345
www.purcellsystems.com

©2009 Purcell Systems, Inc.
All Rights Reserved
Patents Pending

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

