

FlexSure® BLS Series

Power and Equipment Enclosure Solutions

Purcell Systems' Flexible EncloSure (FlexSure®) solution architecture uses pre-engineered common interchangeable components that enable the creation of Outside Plant (OSP) support solutions that may be matched to virtually any equipment, thermal and power deployment configuration. The BLS Series provides 12, 16, 20, 25 and 36 RU options in 30"W x 30"D enclosures.

FlexSure® enclosures are tailored to meet NEC standards, are certified to Telcordia GR-487 Issue 2, utilize equipment bay, battery base, termination and additional equipment modules as needed that allow you to pick and choose your options for cooling, battery backup, AC/DC power, termination and distribution, cross connect and line protection, equipment and enclosure mounting.



Product Features:

- Telcordia GR-487 certified, NEC, UL Listed
- Completely customizable, flexible and scalable
- Energy efficient advanced thermal solutions
- Field upgradeable
- AC power options
- DC power systems
- Pad and pole mounting options
- 12, 16, 20, 25 and 36 RU by 30"W x 30"D

Applications:

Wireless and Wire line Telecoms, DSL, Broadband loop carrier, Fiber and other field installed electronics where a safe, secure, thermally controlled environment is required.

The Purcell Advantage:

Unlike other companies who sell cabinets as "ancillary" equipment, Purcell Systems specializes in OSP enclosure solutions. When **product fit, time to market and quality matter to you**, Purcell Systems' provides:

Choice: 1000's of different ways to configure your enclosure.

Rapid delivery time: 95% of Purcell Systems' products ship in < 5 weeks.

Predictable behavior: "on-time" delivery over the last two years has exceeded 98%.

Quality: Quality defect rate is less than 0.5%. Lowest warranty issue rate in the industry.

Fanatical Service® 24/7/365 equals fast resolution – real people answer the phone and address your critical issues.

FlexSure® BLS Series

Product Specifications

Model	RU Dimensions	Side Chamber Options	Battery Base Option	Door Mounted Thermal Systems								
				Passive Vented Door	Direct Air Cooler	Heat Exchanger				Air Conditioner		
						20 W/°C	32W/°C 39W/°C	63W/°C 70W/°C	80W/°C 99W/°C	2K	4K	6K
FLX12BLS	12RU (24 RU dual rail) 31"H x 30"W x 30"D	+10"W +16"W	+14"H	•	•	•	•			•		
FLX16BLS	16RU (32 RU dual rail) 38"H x 30"W x 30"D	+10"W +16"W	+14"H	•		•	•			•	•	
FLX20BLS	20RU (40 RU dual rail) 45"H x 30"W x 30"D	+10"W +16"W	+14"H	•		•	•	•	•	•	•	
FLX25BLS	25RU (50 RU dual rail) 54"H x 30"W x 30"D	+10"W +16"W	+14"H	•	•			•	•		•	•
FLX36BLS	36RU (72 RU dual rail) 74"H x 30"W x 30"D	+10"W +16"W	+14"H	•				•	•		•	•

Construction Materials

- Frame: 0.090" Aluminum (corrosion resistant)
- Insulation: Solar panel insulation/shielding
- Finish: UL Pantone, Ultra-light grey, TGIC poly coat

Doors/Side Panels

- Doors: Front, rear, rear hatch, left or right open
- Handles: 2-4 point latched flush mount and pad-lockable (Front and Rear)
- Side Panels: removable for field expandability w/additional equipment bays and side chambers

Side Compartment (19/23" rack mount option)

- VF line protection
- OSP cable splicing ladder rack
- Telco area, cross connect field

External Mounting Options

- Anchor kit for concrete mounting
- 4" plinth
- Pole mount (up to FLX 25BLS)

Equipment Rails

- 19" or 23" rails; reversible and fully adjustable front to back, also available for side compartment
- Second set of rails optional

AC Load Center

- 30A to 100A
- 8 & 12 POS load centers with AC 120/240 distribution
- Transient voltage surge protection

Other Options

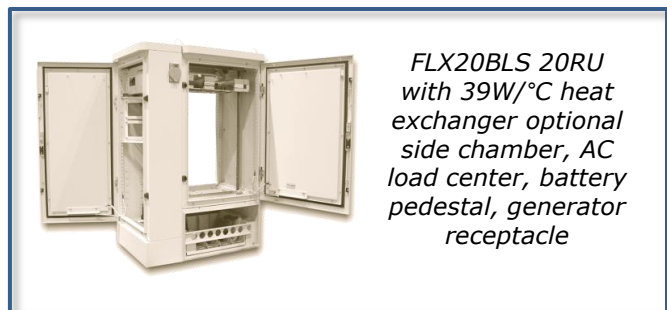
- Generator Inlet - 30A, 60A, or 100A
- Battery pedestal - up to 170Ahr batteries
- DC Power - up to 600A DC power systems
- 15/20A GFCI receptacles
- 15/20A standard receptacles
- Ground Bars
- Door Alarms
- Alarm Blocks
- Battery heating pad
- Heating systems

Agency Information:

- Telcordia GR-487 Issue 2 certified (36BLS designed to comply)
- UL Listed - UL508A
- Nema 3R

Warranty/Misc

- 5 years enclosure/1 year thermal system
- TL 9000, ISO 9001, ISO 14001 certified



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