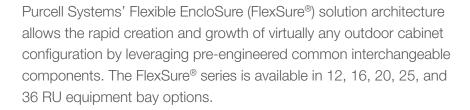
# FlexSure® FLX16-3030

Power and Equipment Enclosure Solutions



FlexSure® enclosures are UL 508 Listed, and certified by independent third-party Nationally Recognized Testing Laboratories to Telcordia GR-487. A wide range of thermal management system technologies and capacities ensures that the equipment you deploy in the cabinet will operate within its design parameters with the highest reliability and lowest Total Cost of Ownership. Options include battery backup, AC/DC power termination and distribution, cross connect and line protection, equipment and enclosure mounting features.

## **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:**

- Telcordia GR-487 certified, UL508 Listed
- Highly flexible and scalable
- Energy efficient advanced thermal solutions
- Field upgradeable
- AC and DC power options
- Pad, pole, wall, H-frame mounting options





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.

# FlexSure® FLX16-3030

Dimensions and Expansion Options				Thermal Management Systems			
Exterior Dimensions		Rack Units	Side Chamber Options	Heat Exchanger		Air Conditioner	
No battery pedestal	30"W x 30"D x 38"H 762mm x 762mm x 965mm	16RU	+10"W +16"W	39W/°C 741W	70W/°C 1330W	2K BTU/585W with 500W heater	4K BTU/1172W with 1500W heater
14" battery pedestal	30"W x 30"D x 48"H 762mm x 762mm x 1219mm						
16" battery pedestal	30"W x 30"D x 50"H 762mm x 762mm x 1270mm						

EXTERIOR	Side Chamber	Other Options		
Construction	• Side chambers: One or two, 10" or 16" depth	Convenience Outlets: 15 or 20A, GFCI or		
• Frame: 0.090" Corrosion resistant aluminum,	• 19" or 23" Equipment rails	standard		
dual wall construction	Mounting Options	Bonding and Grounding: Isolated or integrated,		
Finish: Ultra-light gray polyester powder coat	Anchor plate kit for concrete pad mounting	up to 10 positions		
Weight (Base Configuration): 205 lbs	Pole mount kit (up to 25 RU models)	Alarm Blocks: Up to 20 positions (includes		
Door/Side/Top Panels	Plinth: 4" Height, standard footprint	intrusion and thermal alarms)		
Doors: Front and rear doors, left or right open;	Corrosion inhibiting pad gasket	Accessories: Document holder, service light,		
front and rear hatches	INTERIOR	laptop tray		
Door Handles: Pad-lockable	Equipment Mounting	OTHER		
Door Hinges: Hidden hinges	• 19" or 23" Equipment rails: Configurable loca-	Agency Compliance		
• Side Panels: Removable for field expandability for	tions front-to-back	Telcordia GR-487 Issue 2		
extra bays and side chambers	• Second set of 19" or 23" rails optional	UL Listed – UL508A		
Cable Entry	AC Power Termination and Distribution	NEMA 3R		
<ul> <li>Ingress/Egress: Knockouts on bottom/rear/side</li> </ul>	Load Center Locations: Internal to side chamber,	Environmental		
Protection: Plastic/rubber glands	or internal to equipment bay	IP Protection: IP 54		
Battery Pedestal	8-12 Position internal load centers	Maximum earthquake risk Zone-4 (as per Telcor-		
Ventilated compartment	Up to 100 Amp main breaker	dia GR-63)		
• 14" or 16" Height: Supports up to 190 Ahr -48	Surge Protection Device (SPD)	Warranty		
Volt batteries	Generator Inlet: 30/60/100 Amp	• 5 Years on Enclosure, 1 Year on thermal system		
Battery Heater Mat: Up to 280 Watts	DC Power Systems and Distribution			
Compatible with pad, pole, or wall mount	Multiple suppliers and configurations available			

