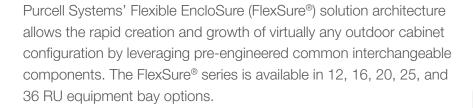
# FlexSure® FLX20-3030

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





# The Purcell Advantage

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® FLX20-3030

| Dimensions and Expansion Options |  |            |                      |                | Thermal Management Systems |                 |                  |                                       |   |
|----------------------------------|--|------------|----------------------|----------------|----------------------------|-----------------|------------------|---------------------------------------|---|
| Exte                             | rior Dimensions                              | Rack Units | Side Chamber Options | Heat Exchanger |                            | Air Conditioner |                  |                                       |   |
| No battery pedestal              | 30"W x 30"D x 45"H<br>762mm x 762mm x 1143mm | 20RU       | +10"W<br>+16"W       | 39W/°C<br>741W | 70W/°C<br>1330W            | 99W/°C<br>1881W | 130W/°C<br>2470W | 2K<br>BTU/585W<br>with 500W<br>heater | 4K<br>BTU/1172W<br>with 1500W<br>heater |
| 14" battery pedestal             | 30"W x 30"D x 55"H<br>762mm x 762mm x 1397mm |            |                      |                |                            |                 |                  |                                       |   |
| 16" battery pedestal             | 30"W x 30"D x 57"H<br>762mm x 762mm x 1448mm |            |                      |                |                            |                 |                  |                                       |   |

| EXTERIOR 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): 245 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  |  |  |  |  |
| Ingress/Egress: Knockouts on bottom/rear/side        | 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  |  |  |  |  |  |
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