

# Flexible Backhaul Enclosure Series

Supporting High Speed Fiber and Wireless Backhaul



*Total Power Solutions*



# Flexible Backhaul Enclosure Features



- 1 Solar shielded removeable lid
- 2 Thermostats for low temperature alarm and emergency cooling fan.
- 3 Alarm terminal block
- 4 Provides 15RU for 19" horizontal or 10RU for 23" vertical mounted equipment
- 5 70A or 100A Service Entrance
- 6 L14-30P Generator Plug
- 7 Rectifier Equipment
- 8 Additional I/O Expansion Module
- 9 Reversible front hinged door; Lift off Left and Right side Doors
- 10 Thermally insulated equipment area
- 11 Cooling options; AC w/ heater, Heat exchanger, Speed controlled fan
- 12 Available Battery expansion option and Plinth option for ground mounted configurations

## Cooling Options

Fan Cooled	Heat Exchanger	Air Conditioner
		

## FBE1417V-ENC

- Provides 7RU for 19" vertically mounted equipment in smallest foot print possible
- Front and side access to installed equipment
- Wall or H-frame mount options
- Aluminum welded construction with durable powdercoated exterior
- Speed controlled fan cooled



FBE1417V-ENC



FBE1417V-ENC

## FBE2319-ENC

- Compact, secure enclosure provides 11RU of equipment mounting space
- Wall, H-frame or Ground mounting options
- Modular enclosure system, allows for easy battery expansion
- Demark access door
- 24 or 48V configurations
- Front access for fan and filter maintenance



FBE2319-ENC



FBE2319-ENC with Heat Exchanger Door, Battery Expansion and Ground Mount Option

## FBE2322-ENC

- Provides 15RU for 19" horizontal or 10RU for 23" vertical mounted equipment
- Front and side doors with removable lid
- Durable welded aluminum construction
- Wall, H-Frame, pole or ground mount options
- Multiple thermal management options



FBE2322-ENC





## Specifications

	FBE1417V-ENC	FBE2319-ENC	FBE2319-ENC(w/BE option)	FBE2322-ENC
Outer Dimensions H x W x D (in/mm):	24.6 x 18 x 19.5 / 625 x 452 x 495	27 x 23 x 22.3 / 686 x 584 x 565	41 x 23 x 22.3 / 1041 x 584 x 565	29.7 x 26 x 24.25 / 752 x 686 x 610
Weight (lb/kg)	35 / 15.9	57 / 26	82 / 37.5	65 / 29.5
Equipment Space:	Vertical 19" 7RU	Front to back adjustable 19" 11RU	Front to back adjustable 19" 11RU	Front to back adjustable 19" 15RU horizontal 23" 10RU vertical
Access:	Front hinged door, left and right lift off doors	Front hinged door with demark access door	Front hinged door with demark access door	Front hinged door, left and right lift off doors, removable lid
Door Latch / Hinge Type:	1/4 Turn padlock-ready, reversible, 2 position lift off hinge	1/4 Turn padlock-ready, reversible 2 position lift off hinge	1/4 Turn padlock-ready, reversible 2 position lift off hinge	1/4 Turn padlock-ready, reversible 2 position lift off hinge
CSA/UL:	60950-22 ITE electrical enclosure	60950-22 ITE electrical enclosure	60950-22 ITE electrical enclosure	60950-22 ITE electrical enclosure
NEMA Rating:	Type 3R	Type 3R	Type 3R	Type 3R

## System Options

<b>Mounting:</b>	Wall or H-Frame	Wall, H-Frame, Pole or Ground	Wall, H-Frame or Ground	Wall, H-Frame, Pole or Ground
<b>Thermal:</b>	Speed controlled fan cooled	Heat exchanger, speed controlled fan cooled	Heat exchanger, speed controlled fan cooled	Air conditioner with heater, heat exchanger, speed controlled fan cooled
<b>Emergency Ventilation System</b>	—	—	—	Speed controlled fan cooled activated with high temp or HVAC fail alarm. Sealed vents actively open in Emergency cooling mode.
<b>AC Service Entrance</b>	—	70Amp, 2 position or 100Amp, 8 position	70Amp, 2 position or 100Amp, 8 position	70Amp, 2 position or 100Amp, 8 position
<b>DC Power</b>	—	48Vdc Cordex HP 1.2kW rectifiers	48Vdc Cordex HP 1.2kW rectifiers	48Vdc Cordex HP 1.2kW rectifiers
<b>Generator:</b>	—	External L14-30P AC generator plug or internal DC generator connection	External L14-30P AC generator plug or internal DC generator connection	External L14-30P AC generator plug or internal DC generator connection
<b>Alarm:</b>	Cabinet alarm terminal block	Cabinet alarm terminal block / integrated Cordex TCIP / SNMP Status Monitoring	Cabinet alarm terminal block / integrated Cordex TCIP / SNMP Status Monitoring	Cabinet alarm terminal block / integrated Cordex TCIP / SNMP Status Monitoring
<b>1RU Option Panel:</b>	Alarm terminal block, fiber management	Alarm terminal block, fiber management	Alarm terminal block, fiber management	Alarm terminal block, fiber management

## Enclosure Options

<b>48Vdc Modular Switched Mode Rectifier</b>	<b>Stand-Alone DC Distribution</b>
 <p>Multiple 48Vdc configurations up to 100 Amps for various 48Vdc applications High Efficiency design for increased OpEx savings High Temperature rated fan-cooled design for harsh outdoor installations TCIP/SNMP Status Monitoring</p>	 <p>19" and 23" rack mount models 12, 24 or 48Vdc configurations Designed for flexible and custom DC distribution</p>
<b>CXC Smart Peripheral (4R/8D ADIO)</b>	<b>HPL-FT Batteries</b>
 <p>Provides additional I/O expansion to existing CXC site controller Seamless expansion of four relay outputs and eight digital inputs Ideal for alternate device monitoring and control such as HVAC and generators Expanded TCIP/SNMP Status Monitoring</p>	 <p>AGM runtimes up to 160 minutes in outdoor applications Absorbent Glass Mat (AGM) technology for efficient gas recombination HPL-FT features front terminal design with protective covers Specifically designed for mission-critical applications</p>

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