

# SE48-1616

## 48" Outdoor Traffic BBS Enclosure



Your Power Solutions Partner

- Traffic grade aluminum enclosure protects battery backup power systems from outdoor elements
- Various mounting options (including pole-mount) provide a flexible solution for traffic applications
- Large sun shield reduces solar heat load inside the cabinet
- Thermostat controlled fan and louvered vents ensure reliable operation in high temperatures
- 180° stainless steel piano hinged door with two locking open positions makes internal component installation and maintenance easy and convenient
- Three-point latching mechanism with Corbin Type 2 lock (or optional Best lock) for maximum security

**The Alpha SE48-1616 Outdoor Enclosure is designed to protect traffic industry battery backup power system components from harsh outdoor elements.** The rugged enclosure is made of 0.125" aluminum and designed to easily accommodate an Alpha uninterruptible power supply (UPS) module, Alpha transfer switches, and up to four AlphaCell™ 195 GXL, 220 GXL, 3.5HP or 4.0HP batteries with room for additional components that may be required for your application. The SE49-1616 is an outdoor rated (NEMA 3R) enclosure. Features include: stainless steel door handle, integrated lock and latch, integrated document holder and an angled generator plug with water tight generator door (generator plug option). Additional options and accessories are available (see listing on reverse).



# Power



# SE48-1616

Consult your Alpha representative for P/N configurations

## MECHANICAL

**Dimensions:**  
 mm:.....1220H x 419W x 419D  
 inches: .....48H x 16.5W x 16.5D  
**Weight:**.....34kg (75lbs)  
**Construction:** .....High strength corrosion resistant aluminum  
**Finish:** .....Natural aluminum  
**Equipment space:**.....8RU space (without generator inlet) with two (2) battery shelves  
**Equipment rails:**.....EIA standard 19" (vertical)  
**Cable entrance:** .....Bottom of enclosure: 1 x 76mm (3") dia. knock-out

## HARDWARE

**Hinge type:** .....Stainless steel piano hinge  
**Door prop:** .....Aluminum rod, 2 locking open positions  
**Handle:** .....Stainless steel handle with padlock fitting for extended life and improved look  
**Door latch:** .....3 point latch with integrated Corbin Type 2 lock (or optional Best lock) for maximum security

## HVAC

**Cooling:** .....Thermostat controlled 48Vdc fan, 100 cfm or better, ON at 49°C (120°F) Off at 32°C (89°F)  
**Ventilation:**.....Door installed louvers

## ENVIRONMENTAL

**Temperature:**  
 Operating:.....-40 to 46°C (-40 to 115°F)  
 Storage: .....-40 to 85°C (-40 to 185°F)

## INSTALLATION

**Access:** .....Removable bottom shelf for easy wiring access

## MAINTENANCE

**Door installed louver:** .....Equipped with washable filter  
**Other:** .....Bug screen protected top vent

## ENCLOSURE OPTIONS

**Mounting:** .....Side mount (standard) - designed to mount to the side of most traffic enclosure cabinets  
 Ground mount kit (optional)  
 Pole mount kit (optional)

## SYSTEM SPECIFICATIONS (AS SHOWN)

- 2 Battery shelf with 4x AlphaCell 220GXL batteries
- FXM1100 UPS
- Universal automatic transfer switch
- Universal generator transfer switch

### System Options

- Generator support: locking generator access door and L5-30 F1 plug
- Tamper switch
- Tilt switch
- AlphaGuard™ battery balancer
- Door activated interior light
- Battery heater mats
- "On Battery" indicator light

## AGENCY COMPLIANCE

**CSA/UL, CE:**.....UL50E/C22.2 No.94  
**NEMA rating:** .....3R

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