

Power

SE48-1616

48" Outdoor Traffic BBS Enclosure



Shown with Alpha UPS module, transfer switches, and AlphaCell batteries.

- 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).

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