

Power

AOES6 Outdoor Enclosure



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

- Designed for outdoor or secure indoor applications
- Traffic grade aluminum enclosure protects battery backup power systems from outdoor elements
- Various mounting options (including pole-mount) provide a flexible solution
- 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 Outdoor Enclosure Side Mount 6 (AOES6) 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 Side Mount 6 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).

AOES6

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 0.125" thick aluminum

Finish:..... Natural aluminum

Equipment space:..... EIA standard 483mm (19"), 8RU space (without generator inlet) with two (2) battery shelf

Cable entrance:

Bottom of enclosure: 1 x 76mm (3") diameter 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

Storage:..... -40 to 85°C

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
- AlphaGuard™ battery balancer
- Battery heater mats
- "On Battery" indicator light
- Door activated interior light
- Tilt switch
- Tamper switch

Agency Compliance

CSA/UL, CE:..... UL50E/C22.2 No.94

NEMA rating:..... 3R