

# Power

## S6

Outdoor 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 S6 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 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).

## S6

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

#### 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

### 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