

# TE27-2218

## 27" General Purpose Outdoor Traffic 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 space-constrained deployments
- Large solar shield reduces heat load inside cabinet
- Thermostat controlled fan and louvered vents ensure reliable operation in high temperatures
- 180° stainless steel, piano-hinged door makes installation and maintenance easy and convenient
- Three-point latching mechanism with Corbin Type 2 lock for maximum security

**Alpha's TE27-2218 is a cost-effective and versatile traffic enclosure ideal for space constrained traffic intersections.** It can be pole, host, wall, or pedestal mounted and can accommodate Alpha's FXM UPS and up to four AlphaCell™ 85GXL or 195 GXL front terminal batteries. With a small form factor, the TE27-2218 is the perfect choice for intersections where limited space and need for discretion are key considerations.



# Power

# TE27-2218 27" General Purpose Outdoor Traffic Enclosure

Consult your Alpha representative for P/N configurations

## MECHANICAL

### Dimensions:

mm: ..... 687H x 559W x 457D

inches: ..... 27H x 22W x 18D

**Weight:** ..... 27.2kg (60lbs)

**Construction:** ..... High strength corrosion resistant 0.125" thick aluminum

**Finish:** ..... Natural aluminum or painted gray

**Equipment space:** ..... 7RU space with one battery shelf

**Equipment rails:** ..... EIA standard 19"

### Cable entrance:

Bottom of enclosure: ..... 1 x 3" diameter knock-out (2½" trade size)

4 x 1.125" diameter knock-out (¾" trade size)

**Rear of enclosure:** ..... 4 x 1.125" diameter knock-out (¾" trade size)

## HARDWARE

**Hinge type:** ..... Stainless steel piano hinge

**Door prop:** ..... Aluminum rod, 2 locking open positions

**Door latch:** ..... 3 point latch with integrated Corbin Type 2 lock

## 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:** ..... Front hinged door provides full front access

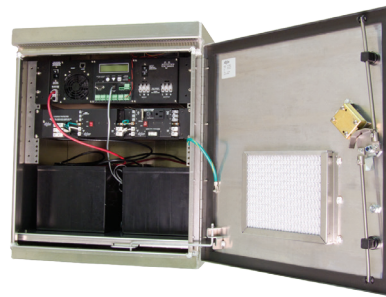
## MAINTENANCE

**Door installed louver:** ..... Equipped with washable filter

## ENCLOSURE OPTIONS

**Mounting:** ..... Pole, host, wall, or pedestal

## SYSTEM SPECIFICATIONS (AS SHOWN)



- Battery shelf with 4x AlphaCell™ 85GXL batteries
- FXM2000 UPS
- Universal automatic transfer switch

### System Options

- Universal generator transfer switch
- AlphaGuard battery balancer
- Battery heater mats
- Transient voltage surge suppression device

## AGENCY COMPLIANCE

**NEMA rating:** ..... 3R

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