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TE27-2218

27" General Purpose Outdoor Traffic Enclosure




- 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® 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™ 100XTV. With a small form factor, the TE27-2218 is the perfect choice for intersections where limited space and need for discretion are key considerations.

TE27-2218 27" General Purpose Outdoor Traffic Enclosure

Consult your sales 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
Environmental	
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
Temperature:	Operating: -40 to 46°C (-40 to 115°F) plus solar loading 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, post, wall, or pedestal
	System Specifications (as shown) <ul style="list-style-type: none"> Battery shelf with 4x AlphaCell™ 100XTV batteries FXM2000 UPS Universal automatic transfer switch
	System Options <ul style="list-style-type: none"> Universal generator transfer switch AlphaGuard battery balancer Battery heater mats Transient voltage surge suppression device
Agency Compliance	
NEMA rating:	3R



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