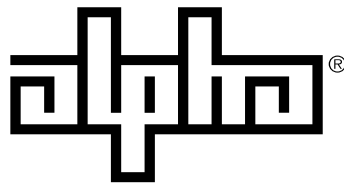# Traffic Mini BBS
Battery Backup System

ORDERING GUIDE

alpha®

an EnerSys company

Traffic Mini BBS Ordering Guide

- **Consolidated battery backup system (BBS) designed to power ATC, NEMA M, P & 336 (or similar style) traffic controller cabinets**
- **Ideal solution for space constraint applications providing >4 hours of battery runtime***
- **Self-contained UPS, factory wired, tested and ready to install, reducing installation time and cost****
- **Alpha's "No Worries" 5 Year Warranty full replacement with AlphaCell™ 100XTV batteries**
- **Compact, integrated 350W or 1000W battery backup system, utilizing the same design and similar features of the highly successful and reliable FXM series UPS**

Alpha Traffic Mini Battery Backup Systems (BBS) is a rugged enclosure made of 0.125" aluminum and designed to easily accommodate an Alpha uninterruptible power supply, Universal Automatic Transfer Switch and up to four AlphaCell™ 100XTV or two 195/240XTV's. The Traffic Mini BBS is an outdoor-rated (NEMA 3R) enclosure. Features include: drop down lift off door, Type 2 Corbin lock, integrated document holder, tamper switch, wide range Automatic Voltage Regulation (AVR), remote monitoring/control and temperature compensated battery charging for extended battery life. The Alpha Traffic Mini BBS provides constant, reliable backup power for Traffic, ITS, Access Control, Security, Public Utility and Telecommunications applications in a compact, all-in-one enclosure. The Alpha Traffic Mini BBS series provides the same functionality as the Alpha class leading FXM Series, for lower power space constraint applications, in a single easy to install cabinet with a favorable curb appeal.

*Runtime calculated with 450W resistive load with 4 x AlphaCell 100XTV at 25°C

**Excluding batteries

Alpha Technologies Ltd.

For more information visit www.alpha.com

Canada: Burnaby, British Columbia	T: 604.436.5900 F: 604.436.1233	#0480040 Rev A (10/2019)
United States: Bellingham, Washington	T: 360.647.2360 F: 360.671.4936	

1
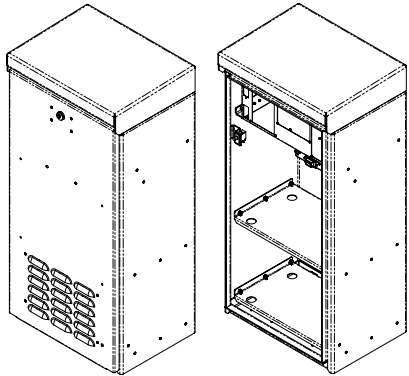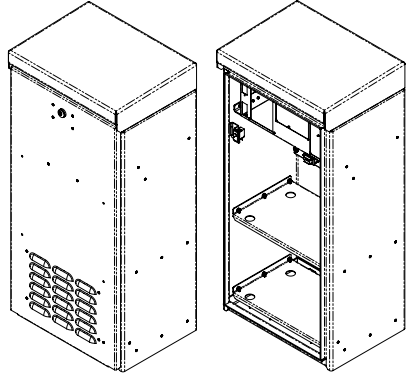
How to configure the Traffic Mini BBS

350W-24V

PART NUMBER	DESCRIPTION	QTY REQUIRED	
0170021-040	Traffic, Mini 350 BBS, 120Vac, 24Vdc, with Universal Automatic Transfer Switch (UATS)	1	

1000W

PART NUMBER	DESCRIPTION	QTY REQUIRED	
0170021-010	Traffic, Mini 1000 BBS, 120Vac, 48Vdc, with Universal Automatic Transfer Switch (UATS)	1	

**Alpha Technologies Ltd.**

For more information visit www.alpha.com

Canada: Burnaby, British Columbia   T: 604.436.5900   F: 604.436.1233
United States: Bellingham, Washington   T: 360.647.2360   F: 360.671.4936

#0480040 Rev A (10/2019)

2
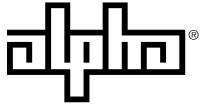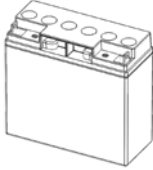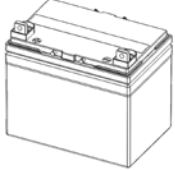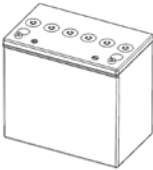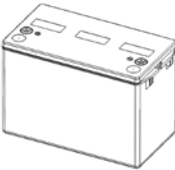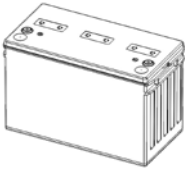
Batteries -Select One Option

PART NUMBER	DESCRIPTION	QTY REQUIRED 350W-24V	QTY REQUIRED 1000W	
181-025-10	Battery, VRLA, AGM, 12V, 17Ahr	2	4	
181-013-10	Battery, VRLA, AGM, 12V, 34Ahr	2	4	
1810226	AlphaCell 100XTV Battery, 12V 56Ah, Top M6-Fem Term	2	4	
1810228	AlphaCell 195XTV Battery, 12V 110Ah, Top M6-Fem Term	2	N/A	
1810229	AlphaCell 240XTV Battery, 12V 112Ah, Top M6-Fem Term	2	N/A	

Alpha Technologies Ltd.

For more information visit www.alpha.com

Canada: Burnaby, British Columbia   T: 604.436.5900   F: 604.436.1233
United States: Bellingham, Washington   T: 360.647.2360   F: 360.671.4936
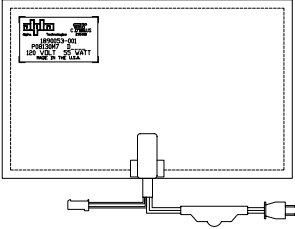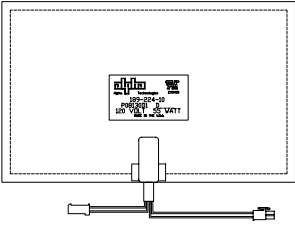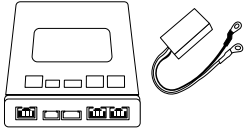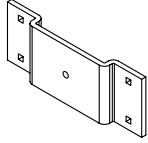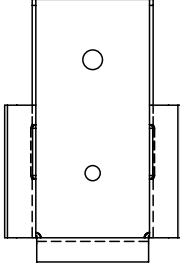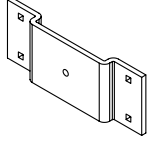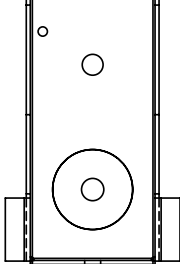
#0480040 Rev A (10/2019)
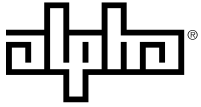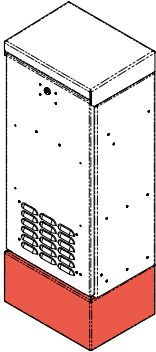
Select Options as Required

PART NUMBER	DESCRIPTION	QTY REQUIRED	
1890053-001	Battery Heater Mat, 120V 55W, M Type, 8in x 13in, with 5-15 plug	1 per unit	
189-224-10	Battery Heater Mat, 120V 55W, D Type, 8 x 13in	1 per unit	
0370260-002	Kit, Remote Battery Management Monitoring System, 4 batteries	1 per unit	

Mounting* Select One Option

PART NUMBER	DESCRIPTION	QTY REQUIRED	
7400770-001	Pedestal Kit	1 per unit	
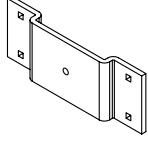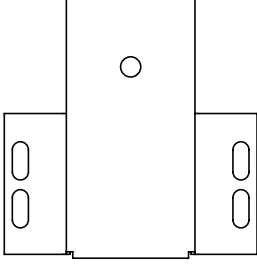
OR			
740-765-22	Mounting Strap Kit	1 per unit	
591-557-20	Bracket, Steel/Concrete Pole	1 per unit	

OR			
740-765-22	Mounting Strap Kit	1 per unit	
744-670-20	Bracket, Wooden Pole	1 per unit	

OR			
740-765-22	Mounting Strap Kit	1 per unit	
744-800-20	Bracket, Wall Mount	1 per unit	

*Enclosure can be flush mounted to an existing cabinet

Alpha Technologies Ltd.

For more information visit www.alpha.com

Canada: Burnaby, British Columbia   T: 604.436.5900   F: 604.436.1233
United States: Bellingham, Washington   T: 360.647.2360   F: 360.671.4936

#0480040 Rev A (10/2019)