

BATTERY BACKUP SYSTEM

Overview

Fortran's Battery Backup System is designed to provide reliable power to your traffic signal systems. Through thunderstorms, blown transformers, downed power lines or other interruptions, our Battery Backup System keeps your intersections running for hours.

The transfer from utility power to battery power will not interfere with the normal operations of the traffic controller, conflict monitor, or any other peripheral devices within the traffic controller cabinet.

The Battery Backup System Cabinet has one standard (optionally two) GFI outlet and a bypass switch. It also features a door locking mechanism (with the ability to lock at 90 and 120 degrees), a polished handle with provisions for padlocking, an internal document pouch as well as ESA certification.

Each cabinet comes with optional features, such as LED lighting and audible and/or visual low battery alarms.



Features

- Available in Slim Line, Type K and Type G Cabinet Configurations
- Electrical Approval—Specially Inspected
- Easy Connectivity
- Low Maintenance
- Alarm Options Available
- Sensata Dimensions Battery
- Backup System — 24 V System

FORTRAN



Specifications

- Colour: Standard powder coated grey Other colours available upon request
- Environmental: -37° C to 74° C
- Power: Output power: 1100 W (at 25° C)
Output voltage: 120 VAC
Input voltage: 21-32 V
Charge time: < 10 hours to 80%+
- Dimensions: Slim Line Cabinet: 48" (H) x 16.5" (W) x 17.25" (D)
Type K Cabinet: 51" (H) x 25" (W) x 17.5" (D)
Type G Cabinet: 45" (H) x 25" (W) x 17.5" (D)

Ordering Information

Part #	Color for Cowl Cap Lens	Power Required	Approximate Run-time
US490	Slim Line (4x100Ah Batteries)	350 W	7 hours 25 minutes
		750 W	4 hours 30 minutes
	Slim Line (4x90Ah Batteries)	350 W	6 hours 25 minutes
		750 W	3 hours 55 minutes
	Slim Line (4x55Ah Batteries)	350 W	4 hours 5 minutes
		750 W	2 hours 5 minutes
HEA800	Battery Heater Mats (Optional)		
ALM80x	Alarm (800 Audible/801 Visual)		
PLM800	Pole Mount Configuration		
GEN800	Exterior Generator Outlet		
LED800	Interior LED Lighting		

Related Products



APC Secure UPS



Batteries



Rectangular Rapid flashing Beacon