

# BATTERY BACKUP SYSTEM

**BTTY-PE-24**

## Product Features

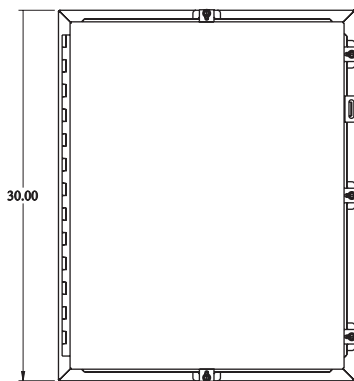
- Complete solution for NFPA compliance
- Compatible with Public Safety H, DH and M repeater series
- 24 hour version (\*)
- Batteries included, sealed, lead-acid type
- Alarm outputs



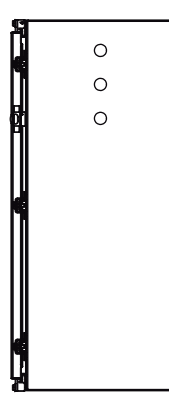
## Specification

## Value

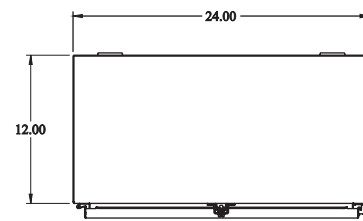
Type	Battery backup unit, NFPA compliant
AC Input	120 VAC 60Hz
DC Output Voltage	24VDC
Nominal Capacity	230 AH
Batteries	Included, maintenance free, sealed, lead-acid
Backup duration (*)	24 hours
Alarms output	AC power failure Low battery Charger fail
Alarms output type	Dry contact
Size	30 x 24 x 12 in • 762 x 609 x 305 mm
Weight	400lbs • 181kg
Cabinet type	NEMA4
Temperature range	0 to 50C



Front View



Side View



Top View

Note: \* measured at 25C for 160W load

DOC BDI103.07 - 09102019 - DMC  
 Fiplex is a registered trademark of Fiplex Communications, Inc.  
 Fiplex Communications, Inc. reserves the right to change specifications without prior notice.

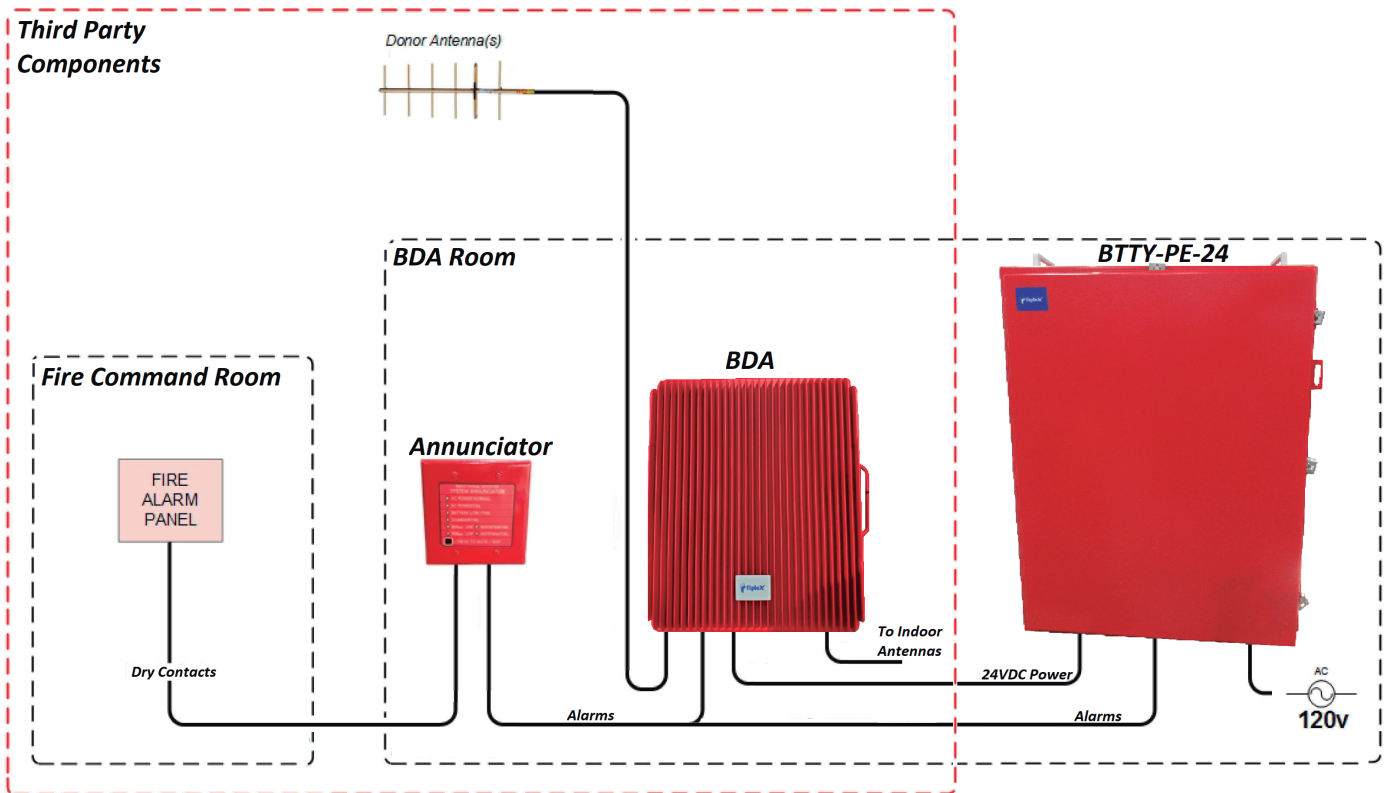
# BATTERY BACKUP SYSTEM

# BTTY-PE-24

## BBU Calculator Tool

Product	Power consumption (W)	Voltage (VDC)	Current (Ah)	Required BBU Hours			
				6 (hrs)	12 (hrs)	18 (hrs)	24 (hrs)
H730V & HS30V	77	24	3,208333	19,25 Ah	38,5 Ah	57,75 Ah	77 Ah
H7S2727V	155	24	6,458333	38,75 Ah	77,5 Ah	116,25 Ah	155 Ah
DH737 & DHS37	220	24	9,166667	55 Ah	110 Ah	165 Ah	220 Ah
DH7S3434	230	24	9,583333	57,5 Ah	115 Ah	172,5 Ah	230 Ah
DH124 & DH430	170	24	7,083333	42,5 Ah	85 Ah	127,5 Ah	170 Ah
DH437	220	24	9,166667	55 Ah	110 Ah	165 Ah	220 Ah
DH7S-D-xxxxx	80	24	3,333333	20 Ah	40 Ah	60 Ah	80 Ah

## Diagram



DOC BD103.07 - 09102019 - DMC  
 Fiplex is a registered trademark of Fiplex Communications, Inc.  
 Fiplex Communications, Inc. reserves the right to change specifications without prior notice.