

FLEX SERIES BBU HONBDA-BTTY SERIES

Battery Backup Unit

The BBU is a common battery backup system designed to operate with the Signal Boosters Series. It offers a 3-year Warranty.

The Battery Backup Unit (BBU) can provide 12-hours or 24-hours of battery backup depending on the BBU model and Signal Booster Model. The Battery Backup Unit or BBU Series are easy to install and operate devices. It includes the following models:

- HONBDA-BTTY-100055
- HONBDA-BTTY-100055N
- HONBDA-BTTY-100100
- HONBDA-BTTY-100100N

For additional information, refer to the data sheets on the Gamewell-FCI website, www.gamewell-fci.com.

The BBU includes the local Annunciator, and an external Annunciator can be added. The external annunciator is sold separately. A BDA connects to the BBU via the following two easy/quick connections.

- DC supply connections
- Multi-pin dry contact connections

The BBU collects the alarms of the BDA via a dry contact. The integrated annunciator can provide Dry Contact output and front panel LED outputs that indicate the following conditions:

- Normal AC Power
- Loss of Normal AC Power
- Battery Capacity < 30%
- Battery Charger Fail
- Donor Antenna Disconnect
- Donor Antenna Malfunction
- RF Emitter Fail
- System Component Fail

The BBU is equipped with a heavy duty NEMA4 cabinet for outdoor usage, and it is designed to be wall-mounted.



FEATURES AND BENEFITS

- Meets NFPA Standards
- IFC compliant
- Complies with UL 2524 2nd Edition
- Buy American Compliant: Meets the definition of Domestic Standards
- Built with construction material that meets the Buy American Act standards
- Up to 24-hour version
- AC Input, 24 Volt DC Output
- NEMA4 Rated BBU Enclosure
- Up to four Annunciators may be connected to one BBU
- Tamper proof with lock and key accessibility
- Flush Wall -Mounted Annunciators
- Common Battery Backup Systems to support BDA
- 3-year Warranty (excluding batteries)
- Fiber DAS Master/Remote

Honeywell



FLEX SERIES BBU HONBDA-BTTY SERIES TECHNICAL SPECIFICATIONS

SPECIFICATIONS

Type: Battery Backup Unit		
Input: 120 VAC 50/60 Hz		
Dimensions: 24.0"W x 20.0"H x 10.0"D (60.96W x 50.8H x 25.4D cm)		
Operating Temperature: 55° C - 131 ° F (maximum)		
Specifications	HONBDA-BTTY-100055	HONBDA-BTTY-100100
Storage capacity	100W / 12hrs	100 W / 24 hrs or 200 W / 12 hrs
Weight (batteries included)	150 lbs.	210 lbs.
Annunciator	• AC Power Normal • AC Power Failure • Battery Capacity <30% • Battery Charger Fail • Donor Antenna Disconnection • Donor Antenna Malfunction • RF Emitter Fail • System Component Fail	
Max. Load	200 W (contact Honeywell for battery duration at different loads)	
Batteries	Included	
BDA	Built-in, port for additional external annunciators	
Annunciator		
Specifications	HONBDA-BTTY-100055N	HONBDA-BTTY-100100N
Storage capacity	100W / 12 hrs	100 W / 24 hrs or 200 W / 12 hrs
Weight (batteries excluded)	30 lbs.	72 lbs.
Annunciator	• AC Power Normal • AC Power Failure • Battery Capacity <30% • Battery Charger Fail • Donor Antenna Disconnection • Donor Antenna Malfunction • RF Emitter Fail • System Component Fail	
Max. Load	200 W (contact Honeywell for battery duration at different loads)	
Batteries	Not Included	
BDA	Built-in, port for additional external annunciators	
Annunciator		

ORDERING INFORMATION

HONBDA-BTTY-100055: BBU with built-in annunciator, 55AH, 24VDC, batteries included. NFPA compliant, UL2524 2nd Edition Listed HONEYWELL BBU

HONBDA-BTTY-100100: BBU with built-in annunciator, 100AH, 24VDC, batteries included. NFPA compliant, UL2524 2nd Edition Listed HONEYWELL BBU

HONBDA-BTTY-100055N: BBU with built-in annunciator, 55AH, 24VDC, batteries not included. NFPA compliant, UL2524 2nd Edition Listed HONEYWELL BBU

HONBDA-BTTY-100100N: BBU with built-in annunciator, 100AH, 24VDC, batteries not included. NFPA compliant, UL2524 2nd Edition Listed HONEYWELL BBU

STANDARDS AND CODES

The HONBDA-BTTY-100 Series complies with the following standards and codes.

- Buy American Compliant
- IFC Compliant
- NFPA Compliant
- RoHS Compliant
- SGS-UL
- UL 2574 2nd Edition Standard

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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