



BT-120

12 VOLT, 12 AH BATTERY



Standard Features

- Nominal Voltage: 12 Volts
- Rated Capacity: 12 AH (20 hour rate)
- Length: 5.94" (151 mm)
- Width: 3.90" (99 mm)
- Height: 3.78" (96 mm)
- Total Height: 3.94" (100 mm)
- Terminals: F1-Faston Tab No. 187



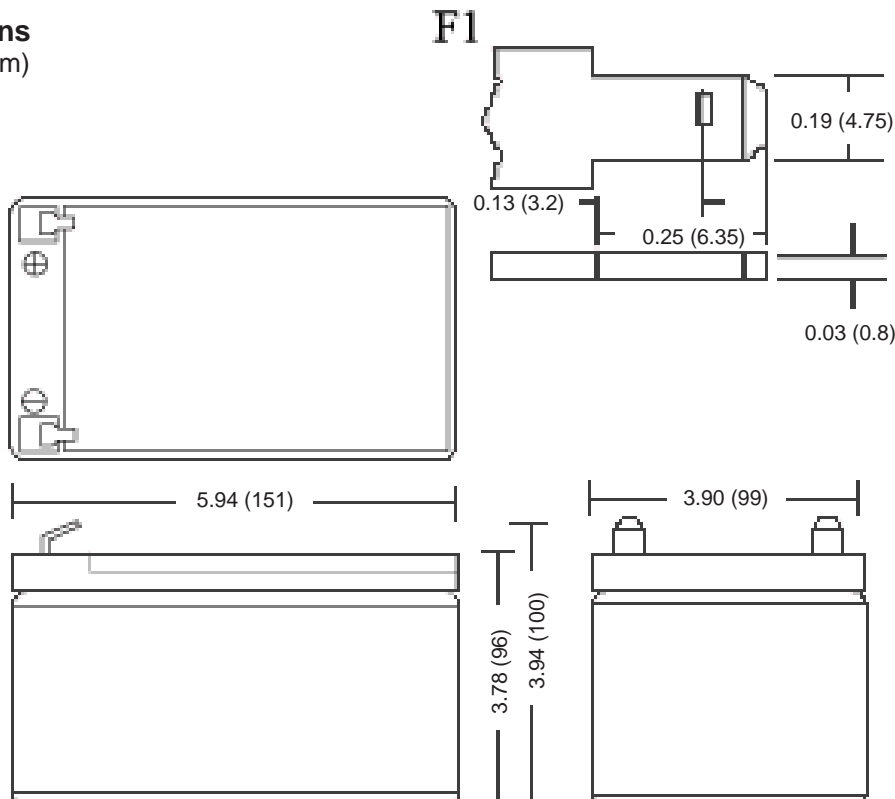
P/N: 18642

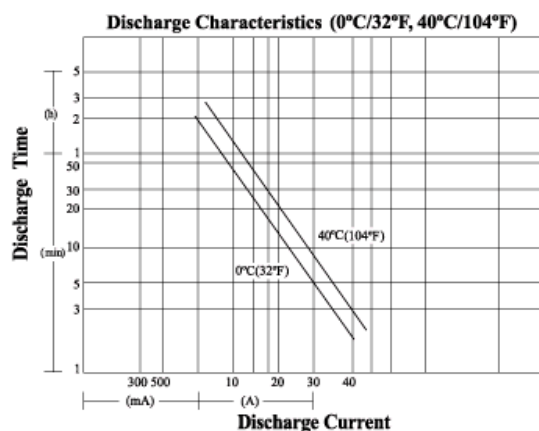
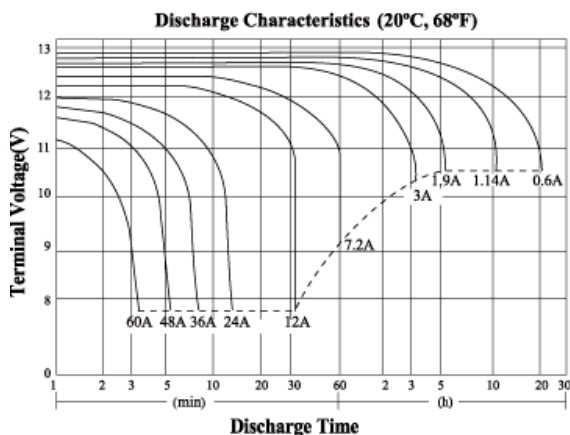
Overview

The BT-120 sealed lead acid battery is rated at 12 Volts, 12 AH, making it of appropriate size, Amp hour rating, and proper terminal connections for use as a battery backup for Fire Alarm Systems and as an uninterruptible power supply.

Dimensions

in (mm)





Electrical Specifications

Capacity 77°F (25°C)	20 hour rate (0.6 A)	12 AH
	10 hour rate (1.14 A)	11.4 AH
	5 hour rate (1.9 A)	9.5 AH
	1 hour rate (7.2 A)	7.2 AH

Internal Resistance, Fully Charged Battery (77°F)	20 mΩ
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Capacity affected by Temperature (20 hour rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%

Charge Constant Voltage	Cycle: Initial Charging Current less than 3.6 A
	Voltage 14.4 V - 15.0 V at 77°F (25°C)
	Standby: Voltage 13.5 V - 13.8 V at 77°F (25°C)

Ordering Information

Model	P/N	Description	Ship Wt. lb (kg)
BT-120	18642	12 Volt, 12 AH Battery	8.8 (4.0)

Note: Approvals/Listings maintained by and manufactured by Elk Products, Inc. Refer to www.janusfiresystems.com for MSDS.

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