



BT-80

12 VOLT, 8 AH BATTERY



Standard Features

- Nominal Voltage: 12 Volts
- Rated Capacity: 8 AH (20 hour rate)
- Length: 5.94" (151 mm)
- Width: 2.56" (65 mm)
- Height: 3.74" (95 mm)
- Total Height: 3.98" (101 mm)
- Terminals: F1-Faston Tab No. 187

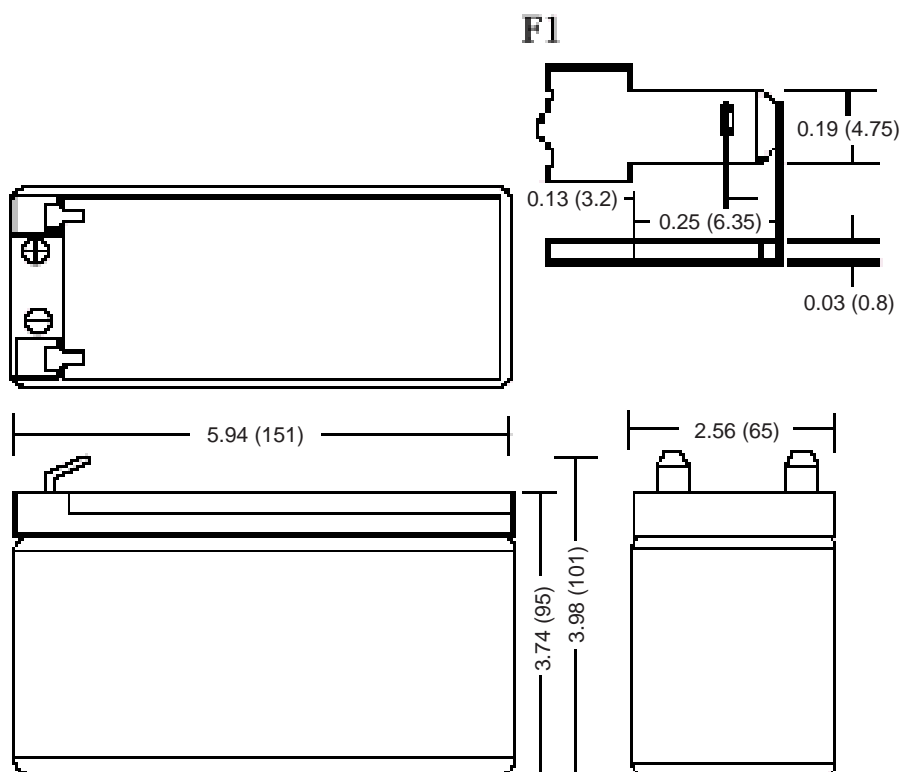


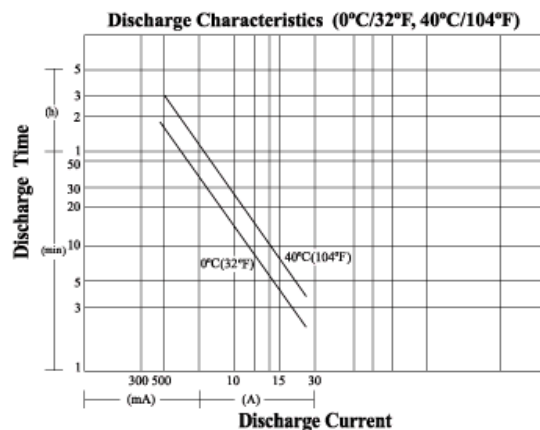
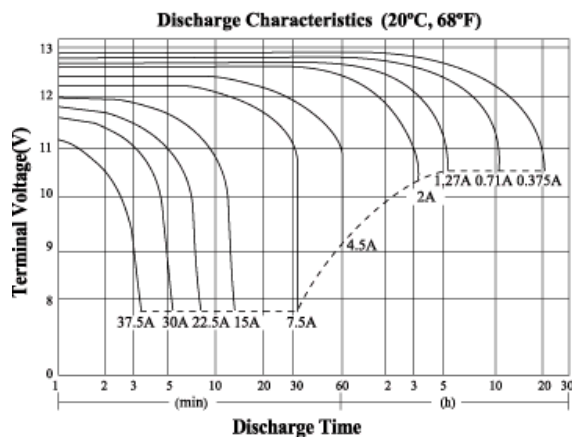
P/N: 18641

Overview

The BT-80 sealed lead acid battery is rated at 12 Volts, 8 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 (0.375 A)	8 AH
	10 hour rate (0.71 A)	7.1 AH
	5 hour rate (1.27 A)	6.37 AH
	1 hour rate (4.5 A)	4.5 AH

Internal Resistance, Fully Charged Battery (77°F)	10 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 2.25 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)
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Ordering Information

Model	P/N	Description	Ship Wt. lb (kg)
BT-80	18641	12 Volt, 8 AH Battery	6.2 (2.8)

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

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