



# 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: 3.70" (94 mm)
- Total Height: 3.98" (101 mm)
- Terminals: F1-Faston Tab No. 187

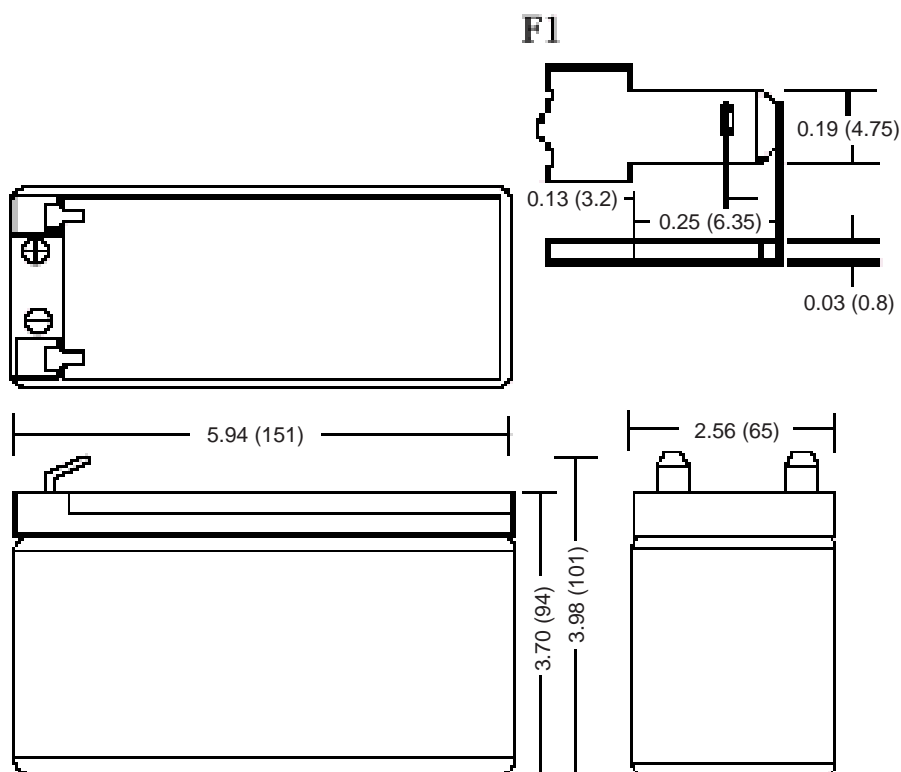


P/N: 18641

### Overview

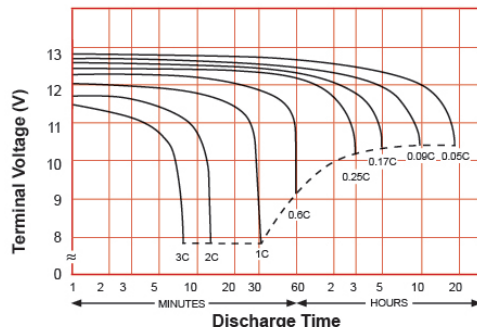
The BT-80 sealed lead acid battery is rated at 12 Volts, 8 AH, making it of appropriate size, Amp hour rating, and proper terminal connections for use as a battery backup for Fire Alarm Systems and as an uninterruptible power supply.

### Dimensions in (mm)

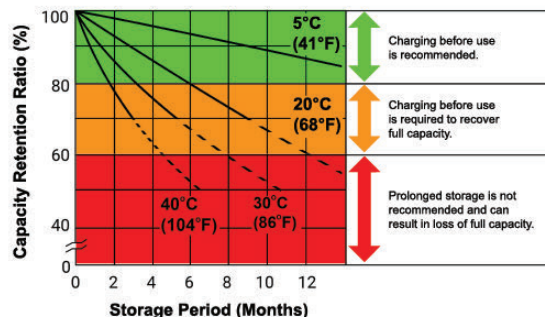




## DISCHARGE CHARACTERISTICS (68°F, 20°C)



## CAPACITY RETENTION CHARACTERISTICS



## Electrical Specifications

Capacity 77°F (25°C)	20 hour rate (0.4 A)	8 AH
	10 hour rate (0.74 A)	7.4 AH
	5 hour rate (1.38 A)	6.9 AH
	1 hour rate (4.62 A)	4.62 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 Max 2.25 A
	Voltage 14.4 V - 14.8 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-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](http://www.janusfiresystems.com) for MSDS.

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