

# BT-180

## 12 VOLT, 18 AH BATTERY



### Standard Features

- Nominal Voltage: 12 Volts
- Rated Capacity: 18 AH (20 hour rate)
- Length: 7.13" (181 mm)
- Width: 2.99" (76 mm)
- Height: 6.57" (167 mm)
- Terminals: B1-M5 bolt & nut

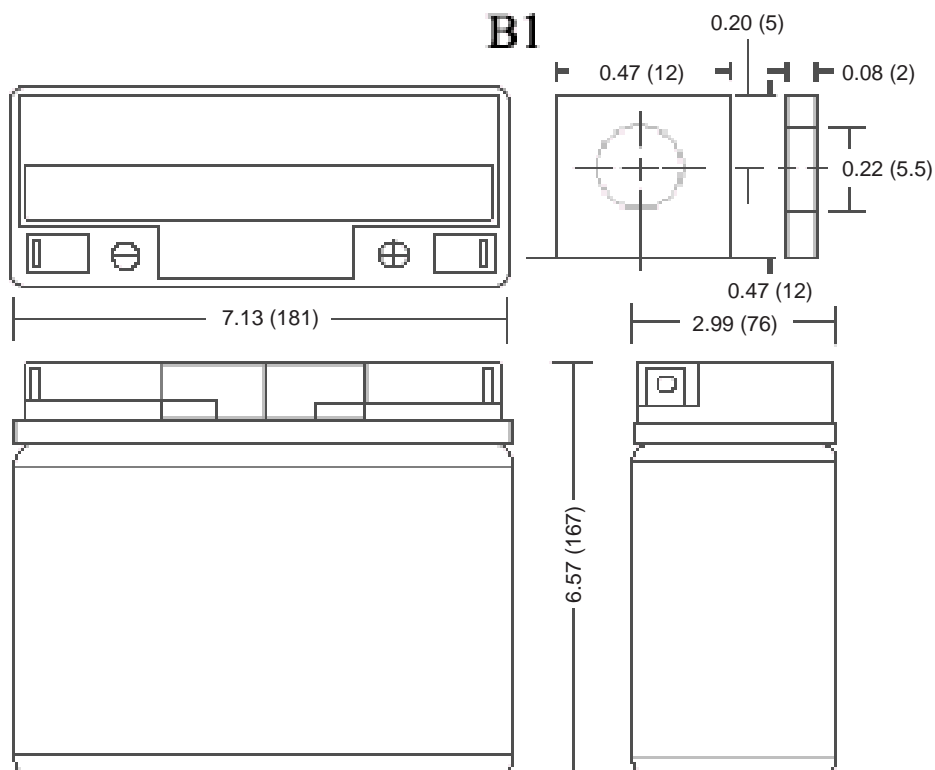


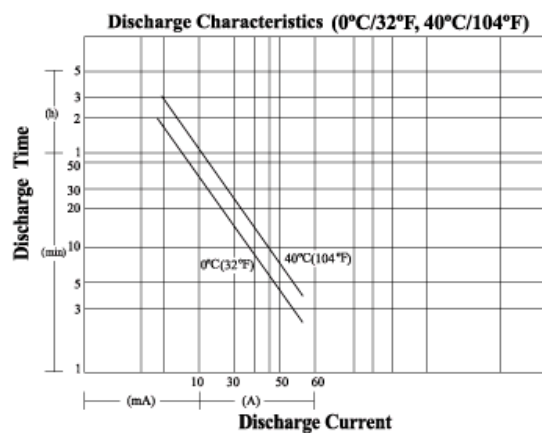
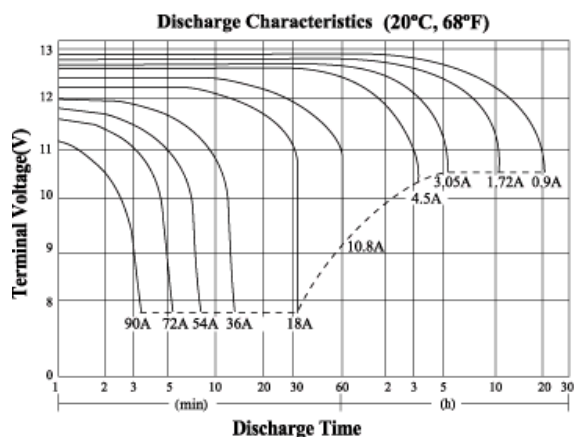
P/N: 18643

### Overview

The BT-180 sealed lead acid battery is rated at 12 Volts, 18 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	20 hour rate (0.9 A)	18 AH
77°F (25°C)	10 hour rate (1.72 A)	17.2 AH
	5 hour rate (3.05 A)	15.2 AH
	1 hour rate (10.8 A)	10.8 AH

Internal Resistance, Fully Charged Battery (77°F)	15 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 5.4 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-180	18643	12 Volt, 18 AH Battery	13.7 (6.2)

*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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1102 Rucpich Drive  
Millennium Park  
Crown Point, IN 46307  
TEL: (219) 663-1600 FAX: (219) 663-4562  
e-mail: [info@janusfiresystems.com](mailto:info@janusfiresystems.com)  
[www.janusfiresystems.com](http://www.janusfiresystems.com)