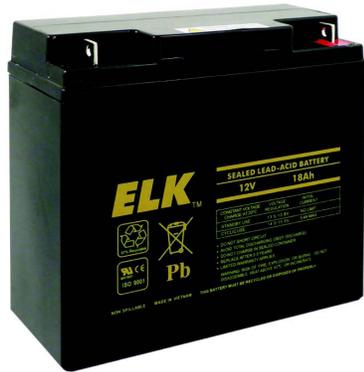




BT-180

12 VOLT, 18 AH BATTERY



Standard Features

- Nominal Voltage: 12 Volts
- Rated Capacity: 18 AH (20 hour rate)
- Length: 7.13" (181 mm)
- Width: 3.03" (77 mm)
- Height: 6.57" (167 mm)
- Terminals: B1-M5 bolt & nut

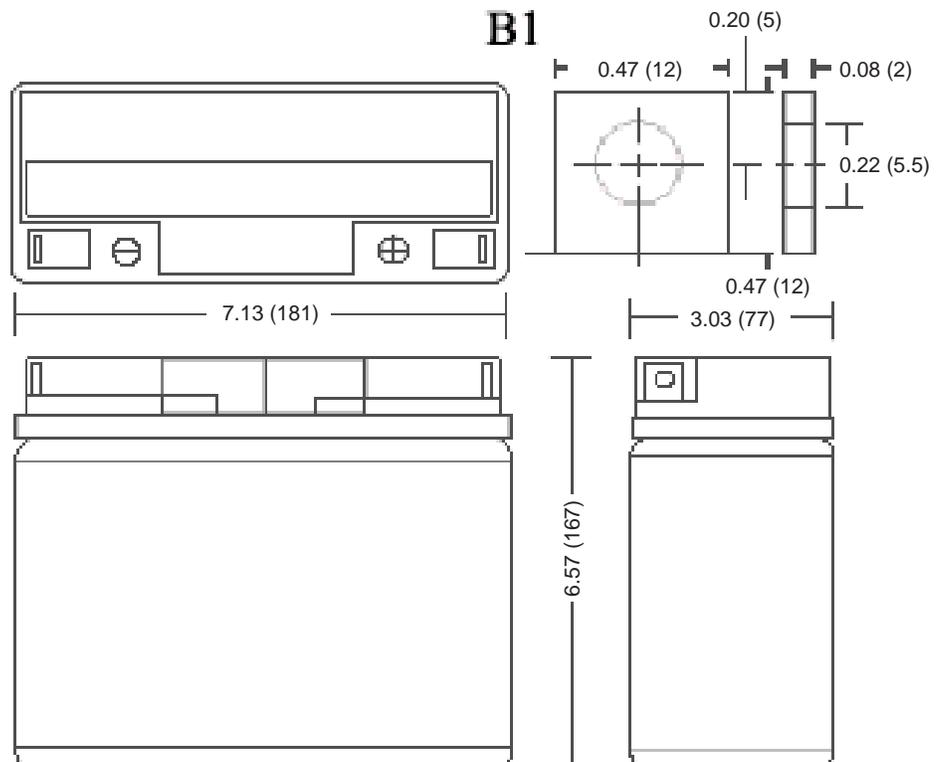


P/N: 18643

Overview

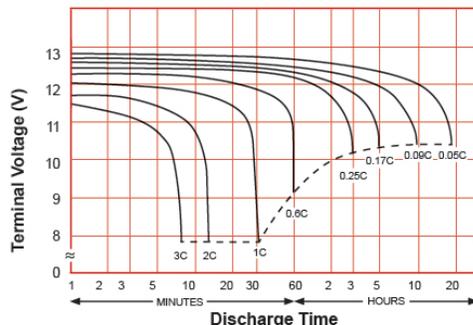
The BT-180 sealed lead acid battery is rated at 12 Volts, 18 AH, making it of appropriate size, Amp hour rating, and proper terminal connections for use as a battery backup for Fire Alarm Systems and as an uninterruptible power supply.

Dimensions in (mm)

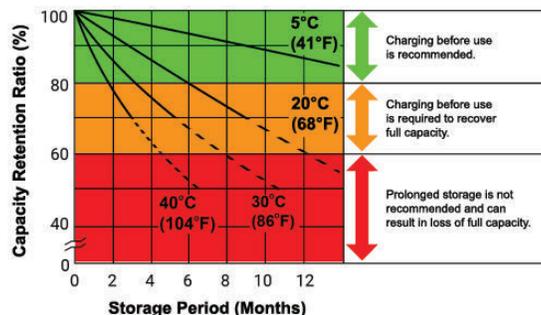




DISCHARGE CHARACTERISTICS (68°F, 20°C)



CAPACITY RETENTION CHARACTERISTICS



Electrical Specifications

Capacity 77°F (25°C)	20 hour rate (0.9 A)	18 AH
	10 hour rate (1.67 A)	16.74 AH
	5 hour rate (3.1 A)	15.5 AH
	1 hour rate (10.4 A)	10.4 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 Max 5.1 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)
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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 for MSDS.

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